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ABSTRACT

This segment of the national evaluation study of the Follow Through Planned Variation Model discusses findings of analyses of achievement test data which have been adjusted to take into consideration the preschool experience of children in three Follow Through cohorts. These analyses serve as a supplement to analyses presented in Volume IV-A of the study which did not incorporate preschool experience as a factor. Included are: (1) overview of findings of supplementary analyses; (2) review of models under study and instruments used; (3) presentation of samples under study and comparison of these samples with those in Volume IV-A; and (4) review and discussion of analytic strategies implemented for supplementary analyses. An argument is made for basing the conclusions of the national study on results derived solely from Cohort III-K (the group of children who started Follow Through at kindergarten level in 1971). Three sets of results are compared: those from Cohort III-K only, controlling for preschool differences; those from all cohort streams, controlling for preschool differences only for Cohort III-K; and those from all cohort streams, controlling for preschool differences. Appendices comprise more than 450 pages. (Author/JMB)

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Education as Experimentation: A Planned Variation Model

ps

Volume IV-E

Supplementary Analyses: Reanalysis of Selected Data Sets

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U.S. DEPARTMENT OF HEALTH.
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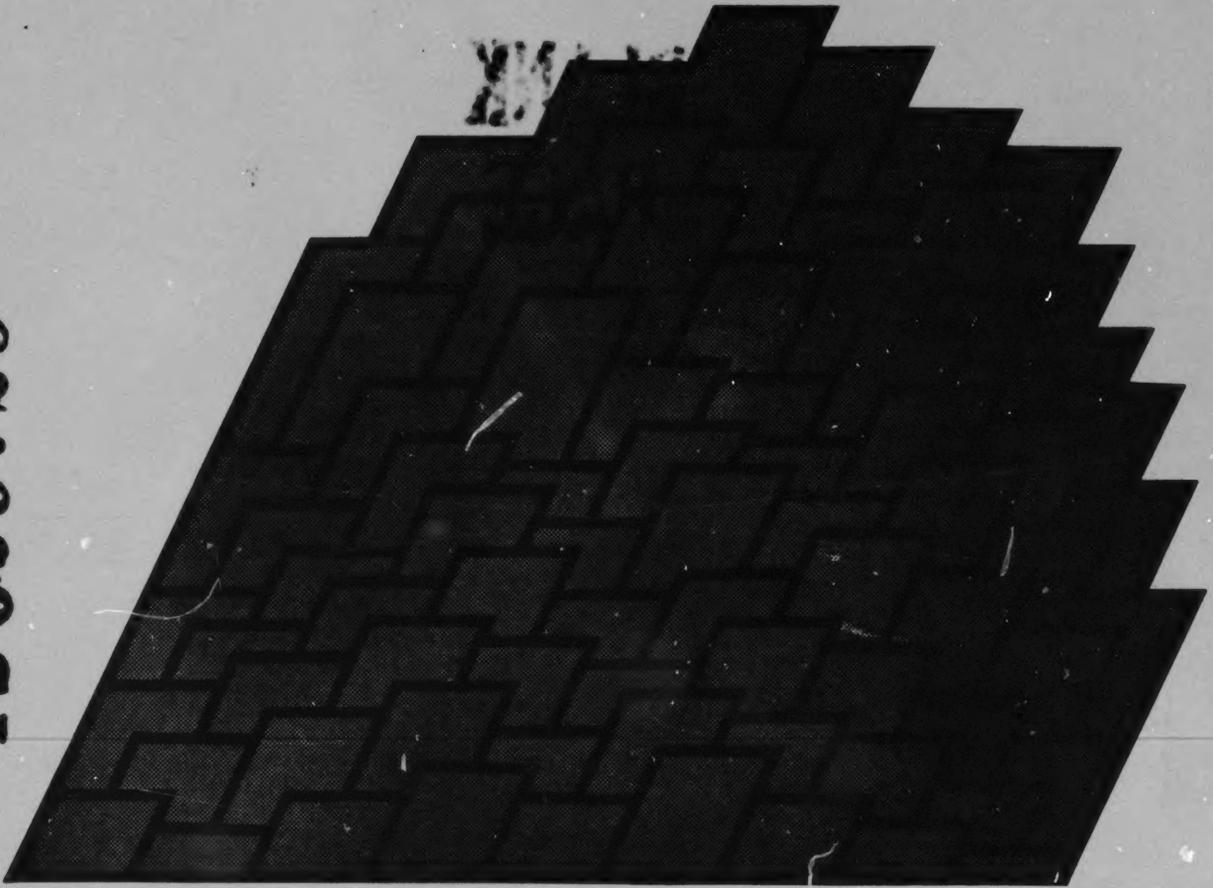

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EDUCATION AS EXPERIMENTATION
A PLANNED VARIATION MODEL

VOLUME IV-E

SUPPLEMENTARY ANALYSES:
REANALYSIS OF SELECTED DATA SETS

10 August 1977

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The national evaluation of Project Follow Through, which was begun by the Stanford Research Institute (SRI) in 1969 and continued by Abt Associates Inc., beginning in July 1972, is designed to examine the effects of a variety of compensatory education approaches for improving the performance of disadvantaged children. Since 1972, over 75 dedicated professionals have contributed to the Follow Through evaluations prepared by Abt Associates. We wish we could appropriately review the contributions of all, but in the interest of space we will confine our acknowledgements to those who contributed to Volumes IV-E and IV-F.

Eugene Tucker, Director of the Office of Evaluation of Follow Through and our USOE Project Officer, has provided advice and assistance throughout our endeavor. David Iwamoto has also provided many useful suggestions. Mary Kennedy, our USOE Project Officer during our earlier work, has continued to provide many useful insights.

Walter Haney, Herbert Weisberg and Anthony Bryk of The Huron Institute, through their function of assisting USOE in monitoring our contract, have also provided us with invaluable and constructive suggestions. We appreciate their performing a difficult role in a manner which was encouraging and professional.

The preparation and writing of the report has been the responsibility of the authors. The following briefly describes some of the behind-the-scenes contributions which have made the report possible.

The project was directed by Elizabeth C. Proper, ably assisted by Robert G. St.Pierre, Deputy Project Director. Yevgenia Mackiernan served not only as project secretary but also as budget analyst and report production supervisor.

The data base extractions and data analyses were performed by Robert St.Pierre and Thomas Cerva. Rosamund Ladner assisted them in these duties.

Arlene Feraco and Abigail Millikan provided support in the construction of tables from the myriads of computer output. Karen Keefe spent weeks preparing the typed tables.

Critical reviews and helpful suggestions for revisions of the report were provided by Joseph Zelan and Richard Anderson.

This report has been a team effort and is the product of the commitment of each person mentioned above.

10 August 1977

CHAPTER ONE

BACKGROUND

The present volume, which we will hereafter refer to as the Supplementary Analyses, is a supplement to Volume IV-A* of Education as Experimentation: A Planned Variation Model (Stebbins, St.Pierre, Proper, Anderson and Cerva, 1977). In that volume we discussed findings from our evaluation of the performance of Follow Through children in both the kindergarten and entering-first streams of Cohorts II and III. Due to difficulties with the data, our work prior to Volume IV-A did not take differences in the preschool experience of Follow Through (FT) and non-Follow Through (NFT) children into account. The analytic work for Volume IV-A was well underway before we were able to solve that problem. Then, due to resource constraints, preschool experience was introduced into the analytic model for the Cohort III-K sample. The analyses for the other three streams (II-K, III-EF, and II-EF) did not take preschool into account.

This report discusses the findings of supplementary analyses which incorporated preschool information in the analysis of the latter three cohort streams. While we include sufficient material so that the reader familiar with Volume IV-A will not have to make constant reference to that volume, this report does not stand alone and needs to be read in the context of Volume IV-A. We have therefore ordered the content of this volume in a fashion similar to Volume IV-A in order to facilitate comparisons.

Chapter One includes an overview of the findings of the Supplementary Analyses, a review of the models under study and the instruments used (these are discussed in more detail in Volume IV-A), a presentation of the samples under study and a comparison of these samples with those in Volume IV-A. Chapter Two includes a review and discussion of the analytic strategies implemented for the Supplementary Analyses. A similar but more extensive treatment of our analytic models is presented in Chapter Four of Volume IV-A. Finally, Chapter Three includes an argument for basing evaluative conclusions on results derived from Cohort III-K, and a comparison of results based on aggregates of effects from Cohort III-K, across all cohorts as given in Volume IV-A, and across all cohorts as in the Supplementary Analyses.

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* Abt Associates Volumes IV-A, B, E and F are numbered Volumes II-A, B, C, and C Appendix within the USOE series. References within the present volume are made to the Abt Associates numbering system.

Overview of Findings

The extended discussion of the results of the Supplementary Analyses and a comparison of results based on different sets of data presented in Chapter Three can be summarized briefly. First, controlling for differences in the preschool experience of FT and NFT children in Cohorts II-K, III-EF, and II-EF changes the findings presented in Volume IV-A in only minor ways. Second, a study of differences in model effectiveness based on results from Cohort III-K alone (controlling for preschool experience), Volume IV-A (cross-cohort aggregated results controlling for preschool experience only for Cohort III-K), and the Supplementary Analyses (cross-cohort aggregated results controlling for preschool experience in all cohort streams) leads us to conclude that findings based on Cohort III-K results are likely to be a fairer appraisal of each model's performance than either cross-cohort summary.

We believe that the first finding stated above (that of few differences between the results presented in Volume IV-A and those presented in the Supplementary Analyses) is quite reliable. However, the second finding (that Cohort III-K results are more appropriate than other summaries) is much more of a judgment call. It is our best judgment and is based on all available evidence, but we realize that our conclusion is arguable, and that others may wish to use other summaries of the data than those we recommend.

EDUCATIONAL STRATEGIES AND MEASURES OF THEIR EFFECTIVENESS ON CHILDREN

Educational Strategies

At one time the Follow Through program embraced 22 models in 178 sites. This report is based on the performance of children served by the models developed by 16 sponsoring institutions and a group of self-sponsored sites listed in Table 1-1. While these models reflect a broad spectrum of educational strategies, we classified them judgmentally according to their relative emphasis on learning domain.* (See Table 1-2.) Summaries of findings are presented both at the model level and by groups of models within the three learning domains. All models listed in Table 1-1 participated in our analyses, however only the subset with three or more sites across cohort streams are included in our discussions in Chapter Three to avoid conclusions about models based on insufficient information.

Measures of Effects on Children

A number of existing standardized tests were selected to comprise the national evaluation outcome battery.** The complete battery is discussed in Chapter Two of Volume IV-A; here we list only those tests used in work presented in this report:

- Wide Range Achievement Test (WRAT)
- Intellectual Achievement Responsibility Scale (IARS)
- The Metropolitan Achievement Test (MAT) - Elementary
    - Word Knowledge
    - Reading
    - Spelling
    - Language
    - Mathematics: Computation (Math Computations)
    - Mathematics: Concepts (Math Concepts)
    - Mathematics: Problem Solving (Math Problem Solving)
- Raven's Coloured Progressive Matrices (Raven's)
- Coopersmith Self-Esteem Inventory (Coopersmith)

---

* Chapter Two of Volume IV-A presents the rationale for this classification.

** Certain instruments (the WRAT, the IARS and the Raven's) were modified to make them more appropriate for the Follow Through and non-Follow Through children.

Table 1-1

FOLLOW THROUGH MODELS INCLUDED IN THE EVALUATION

Full Model Name	Name Used in Report	Sponsoring Institution or Agency
Bank Street College of Education Approach	Bank Street	Bank Street College of Education
Behavior Analysis Approach	Behavior Analysis	Support and Development Center for Follow Through - University of Kansas
California Process Model*	California Process	California State Department of Education - Division of Compensatory Education
Cognitively Oriented Curriculum Model	Cognitive Curriculum	High/Scope Educational Research Foundation
Cultural Linguistic Approach	CLA	Northeastern Illinois State College
Direct Instruction Model	Direct Instruction	University of Oregon - College of Education
EDC Open Education Follow Through Program	EDC	Education Development Center
Florida Parent Education Model	Parent Education	University of Florida**
Home-School Partnership Model	Home-School Partnership	Clark College
Individualized Early Learning Program	IELP	University of Pittsburgh - Learning Research and Development Center
Interdependent Learning Model	Interdependent Learning	City University of New York - Institute for Developmental Studies***
Language Development (Bilingual) Education Approach	SEDL	Southwest Educational Development Laboratory
Mathemagenic Activities Program	Mathemagenic Activities	University of Georgia
The New School Approach to Follow Through	NSA	University of North Dakota
Responsive Education Model	Responsive Education	Far West Laboratory for Educational Research and Development
Self-Sponsored	Self-Sponsored	---
Tucson Early Education Model	TEEM	Arizona Center for Early Childhood Education

---

* The California State Department of Education no longer sponsors a Follow Through model.

** Currently located at University of North Carolina.

*** Currently located at Fordham University.

Table 1-2

TYPOLOGY OF MODELS BY LEARNING DOMAIN

LEARNING DOMAIN		
Basic Skills	Cognitive Conceptual	Affective/Cognitive
Behavior Analysis Direct Instruction SEDL California Process* Self-Sponsored	Parent Education Cognitive Curriculum TEEM IELP NSA Home-School Partnership CLA	Mathemagenic Activities Responsive Education Interdependent Learning Bank Street EDC

---

* The California State Department of Education no longer sponsors a Follow Through model.

Quality of Data

The reliabilities of the pretest and outcome instruments as administered to the children in the Follow Through evaluation were explored for various subgroups of children in earlier reports. Because the reliability coefficients approximate those of the publishers and because the samples of children participating in the current evaluation are subsets of those reported in Volume IV-A, we did not perform reliability studies again. In general, the coefficients reported in Volume IV-A (coefficients of internal consistency) range from the high 80's through the middle 90's. This high degree of reliability prevails for the FT and NFT groups within each model as well as overall. The IARS, with a reliability coefficient in the middle 50's, was the one notable exception.

The validity of the instrument battery is more difficult to assess. As was pointed out in Volume IV-A, validity is dependent upon the goals and objectives of each model and, given the diversity of those goals, no instrument battery could escape criticism. However, the present battery does encompass a wide range of measures of achievement in Basic Skills, Cognitive Conceptual Skills, and Affective Outcomes.

SAMPLE

Although a large number of children were involved in Follow Through, either through participation in the program or membership in a comparison group. Only a subset of these children have been included in this evaluation. To be included, a child's data must meet the six selection criteria displayed in Table 1-3. The Table also displays the number of children in each cohort stream remaining as the selection criteria were successively applied. There were 6,439 children in the Cohort III-K analytic sample in Volume IV-A. For the Supplementary Analysis of Cohort II-K, and Cohorts III-EF and II-EF there are 4,237, 2,137 and 1,097 children available respectively. The numbers of analytic sample children in the FT and NFT groups in each site are displayed in Table 1-4.

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Table 1-3

NUMBER OF CASES AVAILABLE IN DATA FILE BY ANALYTIC RESTRICTION BY COHORT STREAM

ANALYTIC RESTRICTION	COHORT STREAM			
	Kindergarten		Entering-First	
	Cohort III	Cohort II	Cohort III	Cohort II
0. No Restriction (Total Registration in Entering Year[a]).	20169	15825	--	--
1. Child present in kindergarten and third grade, tested in at least one of those years, and did not change treatment group.	9567	7334	2518	2968
2. All exit MAT subtests present.	7669	5773	2208	1636
3. All other exit tests also present.	7402	5504	2197	1629
4. At least five sample children present in each third grade FT school.	7339	5476	2196	1626
5. At least twelve children present in each FT and NFT group by site.	7331	5436	2196	1626
6. Valid preschool indicator and pretest score.	6439	4237	2137	1097

---

[a] Available only for cohort streams where attrition studies have been performed.

Table 1-4

NUMBER OF ANALYTIC SAMPLE CHILDREN IN EACH MODEL AND SITE BY COHORT STREAM BY FOLLOW THROUGH STATUS

MODEL/SITE	SITE CATEGORY		KINDERGARTEN STREAM				ENTERING-FIRST STREAM			
			Cohort III		Cohort II		Cohort III		Cohort II	
	Region	City Size	FT	NFT	FT	NFT	FT	NFT	FT	NFT
RESPONSIVE EDUCATION										
Buffalo, NY	NE	Large	51	29	73	26				
Duluth, MN	NC	Medium	53	77	73	77				
Fresno, CA	W	Medium	39	53	44	40				
St. Louis, MO	NC	Large	29	33						
Salt Lake City, UT	W	Medium	21	45	35	44				
Tacoma, WA	W	Medium	48	42	39	39				
Berkeley, CA	W	Medium			83	67				
Lebanon, NH	NE	Rural			14	21				
Goldsboro, NC	S	Small					132	57		
Sumter, SC	S	Small					58	29		
Owensboro, KY	S	Medium					112	13		
TOTAL			241	278	361	314	302	99		
TEEM										
Chicasha, OK	S	Small	34	63						
Des Moines, IA	NC	Large	24	32						
Lakewood, NJ	NE	Small	70	36	71	48				
Newark, NJ	NE	Large	42	32						
Lincoln, NB	NC	Medium	110	90	51	61				
Wichita, KS	NC	Large	51	41	67	19				
Baltimore, MD	S	Large			68	39				
Vermilion Parish, LA[a]	S	Rural					115	46		
Durham Co., NC[b]	S	Medium					70	104		
Ft. Worth, TX	S	Large					119	141		
Walker Co., GA[c]	S	Medium					43	67		
Pike Co., KY[d]	S	Medium					71	70		
TOTAL			331	294	257	167	418	428		
BANK STREET										
New York, NY	NE	Large	80	155*	68	153*				
Philadelphia, PA	NE	Large	98	354*	47	62*				
Brattleboro, VT	NE	Small	17	24	18	25				
Fall River, MA	NE	Medium	49	42	34	32				
New Haven, CT	NE	Medium	20	14						
Rochester, NY	NE	Large			26	30				
Wilmington, DE	S	Medium			95	75				
Macon Co., AL[e]	S	Small							62	10
TOTAL			264	589	288	377			62	10
DIRECT INSTRUCTION										
New York, NY	NE	Large	28	155*	29	153*				
Grand Rapids, MI	NC	Medium	143	47	69	32				
W. Iron Co., MI[f]	NC	Rural	17	42						
Flint, MI	NC	Medium	35	39	64	41				
Providence, RI	NE	Medium	93	36						
E. St. Louis, IL	NC	Large			44	5			76	15
Racine, WI	NC	Medium			55	32				
Dayton, OH	NC	Large					126	40		
Tupelo, MS	S	Small					58	73	39	45
Williamsburg Co., SC[g]	S	Small					73	18	13	8
TOTAL			316	319	261	263	257	131	128	68

Note. -- City size categorization is based on population figure of community in which site is located.

[a] Abbeville, LA
[b] Durham, NC
[c] LaFayette, GA
[d] Pikeville, KY
[e] Tuskegee, AL
[f] Iron River, MI
[g] Lane, SC

* Pooled citywide NFT (New York, NY; Philadelphia, PA; Chicago, IL).

Table 1-4 (continued)

MODEL/SITE	SITE CATEGORY		KINDERGARTEN STREAM				ENTERING-FIRST STREAM			
	Region	City Size	Cohort III		Cohort II		Cohort III		Cohort II	
			FT	NFT	FT	NFT	FT	NFT	FT	NFT
BEHAVIOR ANALYSIS										
New York, NY	NE	Large	49	155*	36	153*				
Philadelphia, PA	NE	Large	146	354*	79	62*				
Portageville, MO	NC	Rural	44	40	45	35				
Trenton, NJ	NE	Medium	101	45						
Kansas City, MO	NC	Large	79	21	52	22				
Louisville, KY	S	Large	108	105	75	60				
Waukegan, IL	NC	Medium	58	46						
TOTAL			585	766	287	332				
COGNITIVE CURRICULUM										
New York, NY	NE	Large	44	155*	47	153*				
Okaloosa Co., FL[i]	S	Small	37	54	48	37				
Greeley, CO	W	Small	20	18						
Seattle, WA	W	Large	45	26						
Chicago, IL	NC	Large	31	89*	17	15*				
Leflore Co., MS[j]	S	Small							48	45
TOTAL			177	342	112	205			48	45
PARENT EDUCATION										
Philadelphia, PA	NE	Large	55	354*	35	62*				
Richmond, VA	S	Large	39	24	89	38				
Yakima, WA	W	Small	51	24						
Houston, TX	S	Large	75	39	56	46				
Lawrenceburg, IN	NC	Rural	35	40						
Jacksonville, FL	S	Large			14	48				
Jonesboro, AR	S	Small							80	54
Chattanooga, TN	S	Medium							75	75
Hillsborough, FL[k]	S	Large							16	68
TOTAL			255	481	194	194			171	197
EDC										
Philadelphia, PA	NE	Large	131	354*	70	62*				
Burlington, VT	NE	Small	20	35						
Lackawanna Co., PA[l]	NE	Medium	49	62						
Morgan Comm. Sch., DC[m]	S	Large	15	15						
Paterson, NJ	NE	Medium	33	21	39	34				
Chicago, IL	NC	Large			14	15*				
Laurel, DE	S	Rural							106	114
Johnston Co., NC[n]	S	Medium							89	59
TOTAL			248	487	123	111			195	173
SELF-SPONSORED										
Detroit, MI	NC	Large			42	37				
New York, NY	NE	Large			16	153*				
Philadelphia, PA	NE	Large			48	62*				
Portland, OR	W	Large			43	36				
San Diego, CA	W	Large			68	22				
TOTAL					217	310				

Note. -- City size categorization is based on population figure of community in which site is located.

[i] Ft. Walton Beach, FL
[j] Greenwood, MS
[k] Tampa, FL
[l] Scranton, PA
[m] Washington, DC
[n] Smithfield, NC

* Pooled citywide NFT (New York, NY; Philadelphia, PA; Chicago, IL).

Table 1-4 (continued)

MODEL/SITE	SITE CATEGORY		KINDERGARTEN STREAM				ENTERING-FIRST STREAM			
	Region	City Size	Cohort III		Cohort II		Cohort III		Cohort II	
			FT	NFT	FT	NFT	FT	NFT	FT	NFT
IELP										
Lock Haven, PA	NE	Small	44	61						
Montevideo, MN	NC	Rural	110	139						
Akron, OH	NC	Large	73	41						
TOTAL			227	241						
INTERDEPENDENT LEARNING										
New York, NY	NE	Large	36	155*	46	153*				
Atlanta, GA	S	Large	101	63						
TOTAL			137	218	46	153				
SEDL										
Philadelphia, PA	NE	Large	48	354*	45	62*				
Los Angeles, CA	W	Large	121	26						
Tulare, CA	W	Small	134	74	114	35				
St. Martin Parish, LA[o]	S	Rural	113	73	95	84				
San Diego, TX	S	Rural	76	41						
TOTAL			492	568	254	181				
CLA										
Chicago, IL	NC	Large	91	89*						
Topeka, KS	NC	Medium	26	13						
TOTAL			117	102						
HOME-SCHOOL PARTNERSHIP										
New York, NY	NE	Large	29	155*	23	153*				
TOTAL			29	155	23	153				
CALIFORNIA PROCESS										
Los Angeles, CA	W	Large	94	33	89	35				
Ravenswood, CA[p]	W	Small	34	12	61	14				
Oakland, CA	W	Large	47	--						
San Jose, CA	W	Large	33	12	37	14				
Lamont, CA	W	Rural			26	21				
TOTAL			208	57	213	84				
MSA										
Great Falls, MT	W	Medium	38	57						
Clear Lake, WA	W	Rural	40	60						
TOTAL			78	117						
MATHEMAGENIC ACTIVITIES										
Gulfport, MS	S	Small					94	70		
Pickens Co., GA[q]	S	Rural					64	21		
Lee Co., VA[r]	S	Small					175	78		
TOTAL							333	169		
TOTAL**			3705	2734	2636	1601	1310	827	604	493

Note. -- City size categorization is based on population figure of community in which site is located.

[o] Breaux Bridge, LA
[p] Menlo Park, CA
[q] Jasper, GA
[r] Jonesville, VA

* Pooled citywide NFT (New York, NY; Philadelphia, PA; Chicago, IL).

** Pooled citywide NFT included in sponsor totals, but only once in cohort total.

Comparison with National Population

Tables 1-5 through 1-8 present descriptive characteristics of each analytic sample, by treatment group both across all models and within each model, focusing on variables used in norming the Metropolitan Achievement Test (MAT). The descriptive variables include geographic, racial, and socioeconomic status (SES) characteristics and permit comparison with national population averages. The FT and NFT sample statistics contained in these tables are taken from information obtained during the child's kindergarten or first grade year (depending on the entering stream).*

The analytic samples within each cohort stream (averaged across models) are substantially below the national population in median family income. While the median income of the national population is $9,590 (1970 Census data), median family income (for each analytic sample) ranges from $3,771 to $4,792 for the FT samples and from $5,279 to $6,506 for the NFT samples. These large income differences between the national population and the FT and NFT analytic samples indicate that the Follow Through program was successful in recruiting children from low income families. The income figures also highlight that the FT children generally come from lower income families than the NFT comparison children.

Another major difference between the analytic samples and the national population is minority representation. Between 58 and 89 percent of the FT sample and between 33 and 82 percent of the NFT sample consists of minority (Black or other) pupils. These figures are in contrast to the national population which is only 13 percent non-White. The larger proportion of minority children in the analytic sample reflects the character of the socioeconomically disadvantaged population on which Follow Through focuses. Minority representation varies from region to region, however. (See the Appendix Tables.) For example, programs operating in large metropolitan cities in the Northeast tend to enroll Black and Puerto Rican

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* For site level information, see the Appendix.

Table 1-5

SELECTED CHARACTERISTICS OF FT AND NFT GROUPS ASSOCIATED WITH COHORT III-K MODELS, AND OF THE CORRESPONDING NATIONAL POPULATIONS

DESCRIPTIVE CHARACTERISTIC	National Population 1970 Census	MODEL																	
		All[a]		Responsive Education		TEEM		Bank Street		Direct Instruction		Behavior Analysis		Cognitive Curriculum		Parent Education		EDC	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT
Number of Children		3705	2734	241	278	331	294	264	589	316	319	585	766	177	342	255	481	248	487
Number of Sites		63		6		6		5		5		7		5		5		5	
Fall Kindergarten WRAT Mean		30.2	30.4	28.9	32.3	30.6	35.2	31.3	28.3	29.6	30.9	28.2	26.2	28.1	29.4	27.8	27.2	28.7	29.1
Children's Ethnicity																			
Percent Black	11[b]	65	63	57	33	44	28	72	82	81	70	90	87	79	74	58	78	70	77
Percent White	87[b]	24	28	36	53	48	70	27	13	17	23	6	5	9	17	29	17	30	21
Percent Other	2[b]	11	9	7	14	8	2	1	5	2	7	4	8	12	9	13	5	0	2
Family Income Median	9590	4792	5899	4400	6828	5147	8037	5156	6236	4123	6285	4340	4180	4150	4939	4500	6146	5250	6136
Number Responding		2331	1927	166	245	207	221	155	159	156	175	343	270	150	211	175	167	207	178
Mother's Education																			
Percent High School Graduates	51[c]	51	49	53	62	50	68	53	38	46	50	41	35	48	39	48	43	46	55
Number Responding		2303	2013	163	241	202	220	153	166	158	189	329	266	144	206	176	170	209	178
Female Headed Household Percent	9[d]	39	31	39	24	33	25	36	33	56	30	45	33	42	34	36	28	39	29

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[a] Means of model indices (except "Numbers" which are total N's [with pooled citywide NFT included once]).

[b] U.S. Bureau of the Census

[c] Figures for National Population represent all Females (20 years old and over) rather than Mothers specifically.

[d] Haygue, Howard. Marital and family characteristics of the labor force in March 1973. Monthly Labor Review, April 1974, pp. 21-27.

Table 1-5 (continued)

DESCRIPTIVE CHARACTERISTIC	National Population 1970 Census	MODEL															
		All[a]		IELP		Interdependent Learning		SEDL		CLA		Home-School Partnership		California Process		New School Approach	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT
Number of Children		3705	2734	227	241	137	218	492	568	117	102	29	155	208	57	78	117
Number of Sites		63		3		2		5		2		1		4		2	
Fall Kindergarten WRAT Mean		30.2	30.4	33.3	33.2	25.7	28.5	26.1	26.6	32.1	29.7	36.1	30.1	35.8	31.3	31.3	38.5
Children's Ethnicity																	
Percent Black	11[b]	65	63	31	14	95	89	21	68	92	94	100	86	84	64	4	0
Percent White	87[b]	24	28	68	85	5	2	15	14	2	4	0	2	1	7	64	94
Percent Other	2[b]	11	9	1	1	0	9	64	18	6	2	0	12	15	29	32	6
Family Income Median	9590	4792	5899	6218	7913	3850	4400	4150	4675	4200	5300	6500	4400	4240	4250	5650	8762
Number Responding		2331	1927	181	208	58	71	251	250	100	93	20	35	101	53	61	109
Mother's Education																	
Percent High School Graduates	51[c]	51	49	80	76	57	39	29	34	40	32	47	31	61	50	63	83
Number Responding		2303	2013	183	213	53	78	258	250	99	89	19	42	98	50	59	110
Female Headed Household Percent	9[d]	39	31	21	10	49	51	16	19	56	60	48	31	40	44	26	14

[a] Means of model indices (except "Numbers" which are total N's [with pooled citywide NFT included once]).

[b] U.S. Bureau of the Census

[c] Figures for National Population represent all Females (20 years old and over) rather than Mothers specifically.

[d] Hayghe, Howard. Marital and family characteristics of the labor force in March 1973. Monthly Labor Review, April 1974, pp. 21-27.

Table 1-6

SELECTED CHARACTERISTICS OF FT AND NFT GROUPS ASSOCIATED WITH COHORT II-K MODELS, AND OF THE CORRESPONDING NATIONAL POPULATIONS

DESCRIPTIVE CHARACTERISTIC	National Population 1970 Census	MODEL																	
		All[a]		Responsive Education		TEEM		Bank Street		Direct Instruction		Behavior Analysis		Cognitive Curriculum		Parent Education		EDC	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT
Number of Children		2636	1601	361	314	257	167	288	377	261	263	287	332	112	205	194	194	123	111
Number of Sites		51		7		4		6		5		5		3		4		3	
Fall Kindergarten WRAT Mean		29.7	31.0	34.7	35.5	29.9	33.3	28.2	30.0	31.8	32.9	30.3	29.8	24.4	32.7	28.4	27.0	28.6	25.7
Children's Ethnicity																			
Percent Black	11[b]	80	68	46	25	62	45	80	73	89	77	89	81	97	68	91	89	100	89
Percent White	87[b]	11	18	42	64	33	52	18	16	8	8	9	7	3	16	1	1	0	1
Percent Other	2[b]	9	14	12	11	5	3	2	11	3	14	2	12	0	17	9	10	0	10
Family Income Median	9590	4573	5588	5500	7989	4750	7450	4678	5825	4893	5804	3905	5029	3591	5594	3656	3979	5708	4500
Number Responding		1971	979	298	302	202	138	234	280	156	187	245	239	103	139	131	171	95	88
Mother's Education																			
Percent High School Graduates	51[c]	44	50	60	69	47	63	38	42	49	47	42	50	39	55	42	36	58	35
Number Responding		1931	1055	298	304	199	131	234	279	153	186	228	230	98	138	128	165	95	89
Female Headed Household Percent	9[d]	45	37	36	23	47	23	46	39	48	37	48	41	48	37	46	42	44	50

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[a] Means of model indices (except "Numbers" which are total N's [with pooled citywide NFT included once]).

[b] U.S. Bureau of the Census

[c] Figures for National Population represent all Females (20 years old and over) rather than Mothers specifically.

[d] Hayghe, Howard. Marital and family characteristics of the labor force in March 1973. Monthly Labor Review, April 1974, pp. 21-27.

Table 1-6 (continued)

DESCRIPTIVE CHARACTERISTIC	National Population 1970 Census	(SELF-SPONSORED) MODEL[e]											
		All[a]		Detroit, MI		New York, NY		Philadelphia PA		Portland, OR		San Diego, CA	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT
Number of Children		2636	1601	42	37	16	153	48	62	43	36	68	22
Number of Sites		51		1		1		1		1		1	
Fall Kindergarten WRAT Mean		29.7	31.0	27.4	25.5	39.6	34.8	23.2	28.3	36.6	25.7	34.4	33.9
Children's Ethnicity													
Percent Black	11[b]	80	68	100	100	12	78	100	90	91	72	62	59
Percent White	87[b]	11	18	0	0	50	0	0	0	9	28	1	0
Percent Other	2[b]	9	14	0	0	38	22	0	10	0	0	37	41
Family Income Median	9590	4573	5588	4063	4500	8500	5313	4500	4822	4750	6167	3666	6750
Number Responding		1971	979	37	32	13	87	41	42	34	34	29	22
Mother's Education													
Percent High School Graduates	51[c]	44	50	46	44	62	56	42	47	79	62	43	71
Number Responding		1931	1055	37	34	13	87	36	45	34	34	28	21
Female Headed Household Percent	9[d]	45	37	68	62	27	42	49	48	44	29	60	32

[a] Means of model indices (except "Numbers" which are total N's [with pooled citywide NFT included once]).

[b] U.S. Bureau of the Census

[c] Figures for National Population represent all Females (20 years old and over) rather than Mothers specifically.

[d] Haygue, Howard. Marital and family characteristics of the labor force in March 1973. Monthly Labor Review, April 1974, pp. 21-27.

[e] Although Self-Sponsored is broken down by site in this table, the "Self-Sponsored Model" average was used in the computation of the "All" column.

Table 1-6 (continued)

DESCRIPTIVE CHARACTERISTIC	National Population 1970 Census	MODEL									
		All[a]		Interdependent Learning		SEDL		Home-School Partnership		California Process	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT
Number of Children		2636	1601	46	153	254	181	23	153	213	84
Number of Sites		51		1		3		1		4	
Fall Kindergarten WRAT Mean		29.7	31.0	27.9	34.8	21.2	23.9	40.0	34.8	29.8	31.0
Children's Ethnicity											
Percent Black	11[b]	80	68	100	78	42	48	96	78	71	56
Percent White	87[b]	11	18	0	0	22	44	0	0	2	24
Percent Other	2[b]	9	14	0	22	36	8	4	22	27	20
Family Income Median	9590	4573	5588	4667	5313	4107	4825	5000	5313	4000	5750
Number Responding		1971	979	41	87	150	157	20	87	142	78
Mother's Education											
Percent High School Graduates	51[c]	44	50	45	56	28	40	30	56	42	40
Number Responding		1931	1055	38	87	155	159	20	87	137	75
Female Headed Household Percent	9[d]	45	37	57	42	27	22	59	42	33	35

[a] Means of model indices (except "Numbers" which are total N's [with pooled citywide NFT included once]).

[b] U.S. Bureau of the Census

[c] Figures for National Population represent all Females (20 years old and over) rather than Mothers specifically.

[d] Haygue, Howard. Marital and family characteristics of the labor force in March 1973. Monthly Labor Review, April 1974, pp. 21-27.

Table 1-7

SELECTED CHARACTERISTICS OF FT AND NFT GROUPS ASSOCIATED WITH COHORT III-EF MODELS, AND OF THE CORRESPONDING NATIONAL POPULATIONS

DESCRIPTIVE CHARACTERISTIC	National Population 1970 Census	MODEL									
		All[a]		Responsive Education		TEEM		Direct Instruction		Mathemagenic Activities	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT
Number of Children		1310	827	302	99	418	428	257	131	333	169
Number of Sites		14		3		5		3		3	
Fall First Grade WRAT Mean		42.2	47.3	40.5	45.9	41.2	46.0	39.4	48.2	47.8	49.1
Children's Ethnicity											
Percent Black	11[b]	55	32	58	45	47	25	97	46	19	12
Percent White	87[b]	42	67	42	55	44	70	3	54	80	88
Percent Other	2[b]	3	1	0	0	10	5	0	0	1	0
Family Income Median	9590	3771	6506	3825	6275	4160	6115	2100	8020	5000	5613
Number Responding		782	577	179	73	257	265	164	106	182	133
Mother's Education											
Percent High School Graduates	51[c]	39	47	47	46	29	41	36	55	45	47
Number Responding		747	559	177	69	244	256	144	99	182	135
Female Headed Household Percent	9[d]	29	14	41	21	23	12	42	14	10	8

[a] Means of model indices (except "Numbers" which are total N's [with pooled citywide NFT included once]).

[b] U.S. Bureau of the Census

[c] Figures for National Population represent all Females (20 years old and over) rather than Mothers specifically.

[d] Haygue, Howard. Marital and family characteristics of the labor force in March 1973. Monthly Labor Review, April 1974, pp. 21-27.

Table 1-8

SELECTED CHARACTERISTICS OF FT AND NFT GROUPS ASSOCIATED WITH COHORT II-EF MODELS, AND OF THE CORRESPONDING NATIONAL POPULATIONS

DESCRIPTIVE CHARACTERISTIC	National Population 1970 Census	MODEL											
		All[a]		Bank Street		Direct Instruction		Cognitive Curriculum		Parent Education		EDC	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT
Number of Children		604	493	62	10	128	68	48	45	171	197	195	173
Number of Sites		10		1		3		1		3		2	
Fall First Grade WRAT Mean		33.4	38.9	31.2	43.6	37.6	41.2	28.2	31.4	34.7	35.9	35.3	42.4
Children's Ethnicity													
Percent Black	11[b]	74	62	100	100	98	34	92	100	46	61	35	16
Percent White	87[b]	26	37	0	0	2	66	8	0	54	36	64	83
Percent Other	2[b]	0	1	0	0	0	0	0	0	0	3	1	1
Family Income Median	9590	3822	5279	3125	2500	2786	7250	2089	2583	5334	5406	5778	8656
Number Responding		442	427	35	9	77	66	47	38	128	153	155	161
Mother's Education -													
Percent High School Graduates	51[c]	30	43	32	22	38	68	7	26	34	42	39	57
Number Responding		427	421	31	9	74	65	41	34	125	147	156	166
Female Headed Household Percent	9[d]	33	26	35	30	60	21	21	31	27	34	24	13

[a] Means of model indices (except "Numbers" which are total N's [with pooled citywide NFT included once]).

[b] U.S. Bureau of the Census

[c] Figures for National Population represent all Females (20 years old and over) rather than Mothers specifically.

[d] Haygue, Howard. Marital and family characteristics of the labor force in March 1973. Monthly Labor Review, April 1974, pp. 21-27.

pupils; programs in the West, Mexican American pupils; and programs in the Northcentral region, White pupils. As was the case in Volume IV-A (see Volume IV-C: Appendix) these racial and ethnic compositions are generally similar for the FT and NFT samples within particular sites.

Tables 1-5 through 1-8 also present data on other descriptors such as percentage of female headed households, mother's education, and pretest achievement (WRAT).

While the percentage of mothers who completed high school in the two entering-kindergarten streams is quite similar to that in the national population, the percentage of mothers who completed high school in the two entering-first streams is considerably less than for the national population, and the percentage of families in which the mother is the only parent present is considerably higher for each analytic sample than for the national population.

The differences between FT and NFT samples within cohort stream are considerably smaller than those between the analytic samples and the national population. The FT and NFT samples are fairly evenly matched on all SES indicators except income. Since there is a slightly greater percentage of FT pupils from female headed families, the income differences may be due to the number of wage earners in the family rather than to other SES differences between FT and NFT families.

For the two entering-kindergarten streams, the FT and NFT samples have comparable pretest scores; for the two entering-first streams, the FT samples have somewhat lower pretest scores. The FT/NFT similarity is greater than one might expect, given the relative disadvantage in income. At exit from the Follow Through program, FT and NFT parent income are more similar (Middleton, 1976).

In general, the overall characteristics of the analytic samples indicate that the Follow Through program is reaching disadvantaged children, the group for whom it was intended. We do not know whether these samples are suitable for generalization to the population of all low income children: the sampling design was not constructed to address this question. On the other hand, we compared the NFT samples (Molitor, Watkins and Napior, 1977) with census data and found that in almost all sites the NFT median is more disadvantaged than the census median on SES indicators such as median income, percentage below poverty level, percentage of female heads of households, and percentage of mothers who are high school graduates.

Comparability of FT and NFT Within Site

Each site treatment and comparison group may be described by reference to the background characteristics of the children in that group. The number of children in each site treatment/comparison group is reported in Table 1-4. In order to synthesize these characteristics, we have constructed two composite variables termed discrepancy indices.* We selected the background variables for these indices on a conceptual basis. The first index, the Socioeconomic Discrepancy Index, is constructed from four background variables: child's family income, percentage of mothers in the group who graduated from high school, highest occupation in child's household, and (1 - percentage of households in the group headed by females). This index provides a single variable which combines several quasi-continuous socioeconomic indicators to reflect the background of children in a given group. We intentionally did not include variables reflecting the children's educational background (i.e., preschool or pretest) as we did not wish to confound socioeconomic disadvantage with earlier educational efforts (e.g., Head Start). The second index, the Ethnic-Linguistic Discrepancy Index, is constructed from two other background variables: the child's ethnic group membership and the primary language spoken in the child's home. This second index combines two categorical variables which again reflect the children's backgrounds.

These measures give us information about the relative socioeconomic "advantage" or "disadvantage" of a site and the relative ethnic-linguistic composition of a site. Although the two indices do not represent separate dimensions, we trust that this collapsing of many variables into two general indices will facilitate the reader's comparison of various groups. For the reader who is interested, the Background Variables Tables presented in the Appendix provide the site-level descriptive statistics for the input variables.

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* These indices were first computed in Volume IV-A.

Each discrepancy index was constructed* by aggregating individual child characteristics at the site level (separately for FT and NFT). The indices are directional, that is, each standardized variable entering into them retains its sign. For most sites, all variables within an index will have the same sign.

Within each cohort stream we ordered all the FT and the NFT site groups permitting a direct comparison of a given site's FT group and its NFT group on the same scale, and providing a distribution which we divided into quarters. Quarter 1 contains sites with the greatest disadvantage relative to the total NFT group, quarter 4, the sites with the least disadvantage. We present quarters rather than percentiles because we believe it is easier to comprehend differences between groups in terms of quarters than in terms of percentiles.

Many other variables (e.g., pretest) might have been used in our discussions of the samples. While we have not done so, the interested reader may explore these data in the Background Variables Tables.

Two tables in the Appendix (Quartile Ranks and Rank Differences on Socioeconomic Index , and Quartile Ranks and Rank Differences on Ethnic-Linguistic Index) present these quarters at the site level for the socio-economic and Ethnic-Linguistic Discrepancy Indices respectively. Tables 1-9 and 1-10 present summaries of these data, summing across all sites and models within each cohort stream and across the three cohort streams: Cohort II-K, Cohort III-EF, and Cohort II-EF.

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* Each index was constructed as follows:

(1) FT and NFT site means on each background measure entering into the construction of a particular index were placed on a standardized distribution (mean = 0, standard deviation = 1), thus giving equal weight to each input variable. (The standardization process used the unweighted means for FT and NFT sites as units.)

(2) The mean of all NFT site standardized means was calculated for each background measure.

(3) The deviation between each FT site mean and the mean of NFT means was then calculated for each background measure (FT site mean - NFT mean of means) and summed (respecting sign) to arrive at a measure of discrepancy between each FT site group and the mean of NFT site groups. Similarly, the deviation between each NFT site mean and the mean of NFT means was calculated for each background measure (NFT site mean - NFT mean of means) and summed (respecting sign) to arrive at a measure of discrepancy between each NFT site group and the mean of NFT site groups.

Table 1-9

DISTRIBUTION OF SITES WITH RESPECT TO THE RELATIVE SOCIOECONOMIC STATUS OF THEIR FT AND NFT GROUPS BY SAMPLE AND COHORT STREAM

COHORT STREAM	SAMPLE	FT SITE'S POSITION RELATIVE TO ITS NFT SITE		
		FT in lower quarter than NFT	FT in same quarter as NFT	FT in higher quarter than NFT
II-K	Preschool Adjusted	24	19	8
	non-Preschool Adjusted	19	19	13
III-EF	Preschool Adjusted	11	2	1
	non-Preschool Adjusted	11	2	1
II-EF	Preschool Adjusted	6	4	0
	non-Preschool Adjusted	6	4	0
TOTAL	Preschool Adjusted	41	25	9
	non-Preschool Adjusted	36	25	14

Table 1-10

DISTRIBUTION OF SITES WITH RESPECT TO THE RELATIVE ETHNIC-LINGUISTIC STATUS OF THEIR FT AND NFT GROUPS BY SAMPLE AND COHORT STREAM

COHORT STREAM	SAMPLE	FT SITE'S POSITION RELATIVE TO ITS NFT SITE		
		FT in lower quarter than NFT	FT in same quarter as NFT	FT in higher quarter than NFT
II-K	Preschool Adjusted	8	30	13
	non-Preschool Adjusted	8	28	15
III-EF	Preschool Adjusted	6	7	1
	non-Preschool Adjusted	5	8	1
II-EF	Preschool Adjusted	3	6	1
	non-Preschool Adjusted	4	4	2
TOTAL	Preschool Adjusted	17	43	15
	non-Preschool Adjusted	17	40	18

There are a few sites in which the FT group is less disadvantaged than the NFT group. There are many sites in which the FT and NFT groups have similar socioeconomic status. There are even more sites, however, in which the FT group is more disadvantaged than the NFT group. These patterns are found in both the non-preschool adjusted samples and the preschool adjusted samples in each of the three streams examined.

Another pattern emerges from these data. That is, while the preschool adjusted and non-preschool adjusted samples have similar patterns in the two entering-first streams, the two samples in the Cohort II-K stream are somewhat different. In that stream, there are more sites in which the FT group is below the NFT group in the preschool adjusted sample than in the non-preschool adjusted sample.

If we look at the Ethnic-Linguistic Index we note that the FT and NFT groups are here more similar than they are on the socioeconomic index. This is true for both the preschool adjusted and the non-preschool adjusted samples. In other words, the major difference between the two samples lies along socioeconomic dimensions rather than ethnic-linguistic dimensions.

In Tables F2 and F3 in the Appendix we have provided site level information showing the difference between FT/NFT comparability in the preschool adjusted and non-preschool adjusted samples. We have not summarized this information because a difference may be negative or positive for a variety of reasons; e.g., a negative difference may occur if FT was lower socioeconomically than NFT on the non-preschool adjusted sample and is now equal or higher, or if it was higher socioeconomically and is now more similar. We provide the data at site level for those readers concerned with understanding sample shifts at specific sites.

As we discuss in Chapter Two, where noncomparability of FT and NFT groups on background measures excessively influences our estimates of treatment effect, we have masked the effects and do not discuss the results.

CHAPTER TWO

ANALYSIS STRATEGY

The present study reports the results of a replication of the preschool adjusted analyses (conducted originally only on the Cohort III-K stream) on the Cohort II-K, Cohort III-EF and Cohort II-EF streams. Thus, the analysis strategy is exactly the same as that described by Stebbins, St.Pierre, Proper, Anderson and Cerva (1977) in Chapter Four of Volume IV-A. That chapter discussed in detail the analytic strategies employed in those studies, several issues which constrained the development of those strategies, and several supplementary analyses which were designed to aid in the interpretation of the primary analyses. We refer the interested reader to that chapter for the in-depth discussions. In this chapter, we briefly summarize pertinent issues and present comparisons among the results of different analyses at an aggregate level.

This chapter will discuss the analytic strategies, the relationships among results from different analyses, and the approach we have adopted for distinguishing between reliable and unreliable results.

ANALYSIS ISSUES AND STRATEGIES

Level and Unit of Analysis

The hierarchical structuring of the Follow Through design provides the opportunity to perform analyses at three different levels -- overall treatment across models, treatment within model, or treatment within site within model. In our early work with the Follow Through data, we found much variability among models and even among sites within models. Thus, our more recent work has focused on estimating treatment effects at the site level.

We also had the opportunity to select from among three units of analysis--school, class, and child. The child was selected as the unit because classes do not remain intact across years (a traced sample of children was employed), and because there are too few schools to support a site-level analysis.

The Influence of Preschool on Pretest

This evaluation is concerned with comparing the performance via achievement tests of diverse educational models. We have therefore used an achievement pretest administered at entry into the program as a covariate in our analyses. However, a child who has attended preschool may score higher on such a pretest than a child who has not attended preschool. This may bias the analysis against those children who attended preschool and make it difficult to produce clear estimates of Follow Through effects.

Information in the data base about the preschool experiences of Follow Through and non-Follow Through pupils resides in two sources which sometimes contradict each other. These sources differentiate between Head Start and other types of preschool experience, but do not discriminate among various levels of academic emphasis within or across those programs. Volume IV-A discusses in detail the method by which we resolved discrepancies between the two sources of information; it also defines three categories of preschool experience: children who attended Head Start, children who attended some other type of preschool, and children with no preschool experience. (A fourth group--those for whom we have no preschool information--was excluded from preschool adjusting analyses.) We have controlled for differences in the preschool experience of FT and NFT children in the present study.

Outcome Measures

The analyses described below (with the exception of the Norm-Referenced comparisons) were performed on each of the following 15 publisher-defined outcome measures:*

- Total Reading
- Reading
- Word Knowledge

} Metropolitan Achievement Tests

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* For site level data, see Means and Standard Deviations of the Outcome Measures Tables in the Appendix. (Tables F16 and F17)

- Total Math
- Math Computations
- Math Concepts
- Math Problem Solving
- Language
- Language, Part A
- Language, Part B
- Spelling

Metropolitan Achievement Tests

- Raven's Progressive Matrices
- Coopersmith Self-Esteem Inventory
- Intellectual Achievement Responsibility Scale (+)
- Intellectual Achievement Responsibility Scale (-)

The following four measures were used in Norm-Referenced comparisons:

- Total Reading
- Total Math
- Spelling
- Language

Metropolitan Achievement Tests

Analytic Strategies

Volume IV-A includes some analytic strategies which took preschool experience into account and some which did not. The two sets of strategies were similar except for the inclusion of preschool experience as either a covariate or as a blocking variable. Due to resource constraints, the preschool adjusting analyses were performed only on the Cohort III-K stream. In the Supplementary Analyses we replicate those preschool analyses on the other three streams: Cohort II-K, Cohort III-EF, and Cohort II-EF. The four analytic models employed are:

- The Preschool Adjusted Local Analysis;
- The Preschool Blocked Local Analysis;
- The Preschool Adjusted Pooled Analysis; and
- The Preschool Blocked Pooled Analysis.

In addition to these analyses, we compared the performance of FT children to those in the publisher's norming sample for some of the third grade achievement posttests. We now present a brief description of these five analyses.

Preschool Adjusted Local Analysis

The Preschool Adjusted Local Analysis is an analysis of covariance within each Follow Through model for each of fifteen outcome measures. Differences among children on background and pretest measures as well as differences related to variations among sites within a particular model were simultaneously controlled. The treatment condition was considered to be nested within each site so that we estimated an adjusted treatment difference for each site. To be judged as either a positive or negative treatment effect, a treatment difference for a particular outcome had to be both statistically significant at the 95 percent level of confidence and material (i.e., larger in absolute magnitude than one-fourth of the standard deviation of all FT and NFT scores adjusted for between-site variation).* We summarize the treatment effects by outcome, site, and model in tables where a "+" indicates a "positive effect" (an FT-favoring effect that is both statistically significant and material); a "-" indicates a "negative effect" (an NFT-favoring significant and material effect). All other treatment effects (nonsignificant and/or not material) are called "null effects" and are shown as blanks. (See Summary of Effects Tables [F10] in the Appendix. The treatment regression coefficients for Cohorts II-K, III-EF and II-EF for all analyses are presented in Tables F4-F6 in the Appendix. The treatment regression coefficients for Cohort III-K are presented in Table F-20 in the Appendix.)

Preschool Blocked Local Analysis

In the Preschool Blocked Local Analysis, we performed an analysis of covariance at the model level blocked by preschool experience. For each model/preschool group we used background and pretest covariates, covaried site within model, and produced an effect for each outcome measure. (See Table F11: Summary of Effects [by Model], in the Appendix.)

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* The grade equivalents of .25 standard deviation range from 2.1 months to 2.6 months. Figures illustrating the relationship for several dependent variables are included in Appendix Figure A4-1 of Volume IV-A. The .25 standard deviations for the outcome measures for each cohort stream are presented in Appendix Table F21.

Preschool Adjusted Pooled Analysis

In the Preschool Adjusted Pooled Analysis, we built three separate regression models for each outcome measure based on non-Follow Through children within each of three preschool groups. These models include the background and pretest adjusting variables as well as terms to eliminate all between-site variation in posttest scores for the NFT sites. The appropriate (depending on preschool classification) resulting equation was applied to predict each Follow Through child's score "in the absence of Follow Through treatment." This procedure gave each Follow Through child a predicted score based on the child's values for the covariates. The difference between a child's actual score on an outcome test and the child's predicted score based on the NFT model was our measure of the Follow Through effect. The reason for computing three separate regression equations (one for each preschool group) was to allow for interactions of each covariate with preschool experience. The "effect" of Follow Through for each site was computed by averaging the child "effects" across the preschool categories for the site. In this way a Follow Through site effect was a composite of three separate types of effects weighted by the proportions of children in the three preschool conditions in the site. This effect estimate was then tested for statistical and material significance in the same manner as were the effects estimates in the Preschool Adjusted Local Analysis.

The major difference between this analysis and the Preschool Adjusted Local Analysis was the set of covariate values by which the dependent variable was adjusted. In the Preschool Adjusted Local Analysis, all FT and NFT sites for a given model were entered into a single regression equation; in that case, the dependent variable was adjusted based on the covariate values for all FT and NFT children within the model. In the Preschool Adjusted Pooled Analysis, all (across models) NFT sites were entered into a single regression equation; in this case, the dependent variable was adjusted based on the covariate values (including the implied interaction of preschool with all other covariates) for all NFT children.

Preschool Blocked Pooled Analysis

In the Preschool Blocked Pooled Analysis, we aggregated the child effects obtained from the Preschool Adjusted Pooled Analysis to the model level. This was done separately for each preschool group--creating three treatment effects for each model (one for children who attended Head Start, one for children who attended some other preschool, and one for children who did not attend preschool).

Analysis of Norm-Referenced Comparisons

The analysis of norm-referenced data is descriptive rather than bias-adjusting. We computed the proportion of children in each site's FT group who scored one or more years below grade level on each of four outcomes (Total Reading, Total Math, Language, Spelling). These proportions are presented in Summary of Effects Tables* and are compared with similar proportions from the MAT norms sample. These comparisons allow us to qualify results from our bias adjusting analyses.

Covariates**

The covariates used in the analyses were:

- Fall kindergarten WRAT pretest (first grade for EF streams);
- First language (English vs. non-English);
- Family income (in dollars);
- Highest occupation in household (ten-point scale);
- Ethnic membership (two vectors defining White/Black/Other comparisons);
- Sex;
- Entry age (in months);
- Missing data code for WRAT;***
- Missing data code for income;***
- Missing data code for occupation;***
- Preschool experience (two vectors defining Head Start/some preschool/no prior schooling); and
- Preschool experience by WRAT interactions (two vectors) [used in Preschool Adjusted Local Analyses only].

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* These tables are presented in the Appendix and summarize, for each model and site, the results of site-level analyses. Several related Achievement Indices are presented in Selected Achievement Indices Tables (Table F13) in the Appendix.

** For the correlation of the covariates with the outcomes, see Appendix Table F9: Pearson Correlation Coefficients of Covariates and Outcomes.

*** See Volume IV-A for an explanation of how missing data were treated.

RELATIONSHIP AMONG RESULTS FROM DIFFERENT ANALYSES

In Chapter Four of Volume IV-A, we pointed out that because Follow Through has been a quasi-experiment, the analytic results might be subject to varying interpretations. We therefore asked a variety of questions about the validity of the study. In this report, we do not readdress those questions, but limit ourselves to comparisons of the results obtained in different analyses.

In Volume IV-A we performed the Local Analysis and the Pooled Analysis which did not take preschool experience into account in any cohort stream. We also performed the Preschool Adjusted Local Analysis and the Preschool Adjusted Pooled Analysis on the Cohort III-K stream and compared the results of the non-preschool adjusting analyses with the results of the preschool adjusting analyses. We review below the results of those comparisons and make similar comparisons for Cohorts II-K, III-EF, and II-EF. (Appendix Tables F12 present all effects from each analysis.)

Comparison of the Preschool Adjusted Local Analysis with the Local Analysis

The Preschool Adjusted Local Analysis and the Local Analysis differ in two ways--preschool information is covaried in the preschool adjusted analysis and the sample for the Preschool Adjusted Local Analysis is a subset of that for the Local Analysis.* Ideally, dropping certain students from the sample should not affect the results. If it does not, we can attribute any discrepancies in treatment effects between the two analyses to the inclusion of preschool information. Table 2-1 shows the changes in treatment effects which occurred between the Preschool Adjusted Local Analysis and the Local Analysis for each of the cohort streams. The differences between the two analyses which are observed in Table 2-1 may be related to either sample changes or to the inclusion of preschool information. Table 2-2 shows the changes in treatment effects which are related to sample changes in each cohort stream. On this table the results of the Local Analysis are crosstabulated with the results of the Local Analysis run on the preschool sample. Table 2-3 shows the changes in treatment effects which are related to the inclusion of preschool information. On this table the Local Analysis on the preschool sample is crosstabulated with the Preschool Adjusted Local Analysis.

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* Students omitted from the Preschool Adjusted Local Analysis include those with missing preschool information or missing pretest information.

Table 2-1

JOINT FREQUENCIES OF POSITIVE, NULL, AND NEGATIVE EFFECTS AS ESTIMATED BY THE LOCAL ANALYSIS AND BY THE PRESCHOOL ADJUSTED LOCAL ANALYSIS

COHORT III-K

		Local Analysis			
		+	0	-	
Preschool Adjusted Local Analysis	+	41	20	0	61
	0	4	721	23	748
	-	0	9	112	121
		45	750	135	930[a]

Percent Agreement = 94

Correlation = .84

COHORT II-K

		Local Analysis			
		+	0	-	
Preschool Adjusted Local Analysis	+	19	9	0	28
	0	7	537	37	581
	-	1	67	88	156
		27	613	125	765

Percent Agreement = 84

Correlation = .60

COHORT III-EF

		Local Analysis			
		+	0	-	
Preschool Adjusted Local Analysis	+	33	5	0	38
	0	2	141	3	146
	-	0	1	25	26
		35	147	28	210

Percent Agreement = 95

Correlation = .91

COHORT II-EF

		Local Analysis			
		+	0	-	
Preschool Adjusted Local Analysis	+	13	5	0	18
	0	11	95	12	118
	-	0	1	13	14
		24	101	25	150

Percent Agreement = 81

Correlation = .66

---

[a] Effects for Oakland, CA were not estimated.

Table 2-2

JOINT FREQUENCIES OF POSITIVE, NULL, AND NEGATIVE EFFECTS
AS ESTIMATED BY THE LOCAL ANALYSIS
AND BY THE LOCAL ANALYSIS ON THE PRESCHOOL SAMPLE

COHORT III-K

	Local Analysis			
Local Analysis (Preschool Sample)	+	0	-	
+	41	15	2	58
0	4	714	15	733
-	0	21	118	139
	45	750	135	930[a]

Percent Agreement = 94

Correlation = .83

COHORT II-K

	Local Analysis			
Local Analysis (Preschool Sample)	+	0	-	
+	17	3	0	20
0	8	546	50	604
-	2	64	75	141
	27	613	125	765

Percent Agreement = 83

Correlation = .53

COHORT III-EF

	Local Analysis			
Local Analysis (Preschool Sample)	+	0	-	
+	31	1	0	32
0	4	146	9	159
-	0	0	19	19
	35	147	28	210

Percent Agreement = 93

Correlation = .88

COHORT II-EF

	Local Analysis			
Local Analysis (Preschool Sample)	+	0	-	
+	12	2	0	14
0	12	99	25	136
-	0	0	0	0
	24	101	25	150

Percent Agreement = 74

Correlation = .48

---

[a] Effects for Oakland, CA were not estimated.

Table 2-3

JOINT FREQUENCIES OF POSITIVE, NULL, AND NEGATIVE EFFECTS AS ESTIMATED BY THE LOCAL ANALYSIS ON THE PRESCHOOL SAMPLE AND BY THE PRESCHOOL ADJUSTED LOCAL ANALYSIS

COHORT III-K

Local Analysis
(Preschool Sample)

Preschool Adjusted Local Analysis	+	0	-	
+	54	7	0	61
0	3	720	25	748
-	1	6	114	121
	58	733	139	930[a]

Percent Agreement = 95

Correlation = .88

COHORT II-K

Local Analysis
(Preschool Sample)

Preschool Adjusted Local Analysis	+	0	-	
+	19	9	0	28
0	1	557	23	581
-	0	38	118	156
	20	604	141	765

Percent Agreement = 91

Correlation = .77

COHORT III-EF

Local Analysis
(Preschool Sample

Preschool Adjusted Local Analysis	+	0	-	
+	30	8	0	38
0	2	142	2	146
-	0	9	17	26
	32	159	19	210

Percent Agreement = 90

Correlation = .82

COHORT II-EF

Local Analysis
(Preschool Sample)

Preschool Adjusted Local Analysis	+	0	-	
+	13	5	0	18
0	1	117	0	118
-	0	14	0	14
	14	136	0	150

Percent Agreement = 87

Correlation = .63

---

[a] Effects for Oakland, CA were not estimated.

In Volume IV-A (Cohort III-K), we observed that the Preschool Adjusted Local Analysis showed more positive and fewer negative effects than the Local Analysis. We noted that the reduction in sample was associated with an increase in positive effects and that the addition of covariates representing preschool information was associated with fewer negative effects.

In Cohort II-K, the Preschool Adjusted Local Analysis shows more negative effects and fewer nulls than the Local Analysis. The reduction in sample appears to be associated with an increase in negative and a decrease in positive effects while the introduction of the covariates is associated with a decrease in null and an increase in positive and negative effects.

In Cohort III-EF, the Preschool Adjusted Local Analysis shows approximately the same effects as the Local Analysis at the aggregate level. However, we do observe that the reduction in sample is associated with an increase in null effects and a decrease in negative effects, while the addition of the preschool covariates acts to negate these trends.

In Cohort II-EF, the Preschool Adjusted Local Analysis shows fewer negative and positive effects and more null effects. All these changes are associated with the introduction of the reduced sample while the introduction of preschool covariates is associated with an increase in negative effects.

In summary, the Local and Preschool Adjusted Local Analyses yield results which differ to a certain extent. Furthermore, differences between the results of the two analyses are inconsistent across cohort streams, especially when examining changes in treatment effects introduced by reducing the sample of students to those with valid preschool information and valid pretests (Table 2-2). On the other hand, the inclusion of preschool information as a covariate (Table 2-3) does have a fairly consistent effect in that it works to remove treatment effects from the null category (and distributes them in both the positive and negative categories) in all cohort streams except Cohort III-K--an indication that the Preschool Adjusted Local Analysis is more sensitive to the detection of treatment differences than the Local Analysis.

Comparison of the Preschool Adjusted Pooled Analysis with the Pooled Analysis

As was the case when comparing the Local and Preschool Adjusted Local Analyses, the two pooled analyses yield somewhat different results (Table 2-4). Although the differences in treatment effects are not com-

Table 2-4

JOINT FREQUENCIES OF POSITIVE, NULL, AND NEGATIVE EFFECTS AS ESTIMATED BY THE POOLED ANALYSIS AND BY THE PRESCHOOL ADJUSTED POOLED ANALYSIS

COHORT III-K

		Pooled Analysis			
		+	0	-	
Preschool Adjusted Pooled Analysis	+	81	64	2	147
	0	54	407	64	525
	-	2	77	179	258
		137	548	245	930[a]

Percent Agreement = 72

Correlation = .64

COHORT II-K

		Pooled Analysis			
		+	0	-	
Preschool Adjusted Pooled Analysis	+	62	24	5	91
	0	61	250	72	383
	-	9	86	196	291
		132	360	273	765

Percent Agreement = 66

Correlation = .59

COHORT III-EF

		Pooled Analysis			
		+	0	-	
Preschool Adjusted Pooled Analysis	+	45	10	0	55
	0	9	81	6	96
	-	0	20	39	59
		54	111	45	210

Percent Agreement = 79

Correlation = .79

COHORT II-EF

		Pooled Analysis			
		+	0	-	
Preschool Adjusted Pooled Analysis	+	46	6	1	53
	0	16	54	9	79
	-	0	8	10	18
		62	68	20	150

Percent Agreement = 73

Correlation = .68

---

[a] Effects for Oakland, CA were not estimated.

pletely consistent across cohort streams, the Preschool Adjusted Pooled Analysis appears to increase the number of negative treatment effects in all cohort streams except Cohort II-EF.

Comparison of Preschool Adjusted Pooled Analysis with Preschool Adjusted Local Analysis

Overall, the Preschool Adjusted Local Analysis produced more null and fewer positive and negative effects than the Preschool Adjusted Pooled Analysis (Table 2-5). This phenomenon occurred in each of the four cohort streams, and suggests that the latter analysis is more powerful for detecting treatment differences than the former.

In the above section, we examined changes in effects among analyses for each of the four cohort streams. We now explore some relationships among effects yielded by these analyses.

Tables 2-6 through 2-9 present site-level correlations among effects yielded by the analyses for each model and across all models for each cohort stream. These correlations are based on the trichotomous effect measure (positive, null, or negative) as given in our Summary of Effects Tables. This was done because our evaluative decisions about models are based on that level of information. We are thus correlating variables each of which has three ordinal values. The correlations range widely across models and analyses. All are positive and over half are greater than .50, but some are fairly low. The correlations are highest in Cohort III-EF where more than half are above .70. In Cohort III-K, over half are above .60; in Cohort II-EF, over half are above .50; in Cohort II-K, over half are over .40.

Certain models tend to have consistent results from one analysis to the next in whichever stream they appear: Direct Instruction, NSA, IELP. Others tend to show nonconsistent results in each stream: Cognitive Curriculum, EDC, and Interdependent Learning. Still others show a range of inter-analysis correlations across streams, e.g., SEDL.

To the extent that agreement among analyses reinforces confidence in our model evaluations, conclusions as to the relative effectiveness of models with high correlations are somewhat more convincing than those with low correlations.

Table 2-5

JOINT FREQUENCIES OF POSITIVE, NULL, AND NEGATIVE EFFECTS AS ESTIMATED BY THE PRESCHOOL ADJUSTED POOLED ANALYSIS AND BY THE PRESCHOOL ADJUSTED LOCAL ANALYSIS

COHORT III-K

		Preschool Adjusted Pooled Analysis			
		+	0	-	
Preschool Adjusted Local Analysis	+	54	7	0	61
	0	93	511	144	748
	-	0	7	114	121
		147	525	258	930[a]

Percent Agreement = 73

Correlation = .61

COHORT II-K

		Preschool Adjusted Pooled Analysis			
		+	0	-	
Preschool Adjusted Local Analysis	+	28	0	0	28
	0	63	372	146	581
	-	0	11	145	156
		91	383	291	765

Percent Agreement = 71

Correlation = .60

COHORT III-EF

		Preschool Adjusted Pooled Analysis			
		+	0	-	
Preschool Adjusted Local Analysis	+	32	6	0	38
	0	23	86	37	146
	-	0	4	22	26
		55	96	59	210

Percent Agreement = 67

Correlation = .64

COHORT II-EF

		Preschool Adjusted Pooled Analysis			
		+	0	-	
Preschool Adjusted Local Analysis	+	18	0	0	18
	0	35	72	11	118
	-	0	7	7	14
		53	79	18	150

Percent Agreement = 65

Correlation = .54

---

[a] Effects for Oakland, CA were not estimated.

Table 2-6

PEARSON CORRELATION COEFFICIENTS AMONG ESTIMATES OF TREATMENT EFFECTS FROM SELECTED ANALYSES OF COHORT III-K BY MODEL

MODEL	CORRELATION						
	PALA[a] with PAPA[b]	PALA with Local[c]	PALA with Pooled[d]	PAPA with Local	PAPA with Pooled	Local with Pooled	N(r)[e]
All Models	.61*	.84*	.59*	.59*	.64*	.60*	930(.07)
Responsive Education	.65*	.74*	.70*	.48*	.72*	.68*	90(.21)
TEEM	.64*	.86*	.57*	.70*	.68*	.62*	90(.21)
Bank Street	.51*	.70*	.30*	.55*	.62*	.47*	75(.22)
Direct Instruction	.59*	.87*	.66*	.62*	.85*	.67*	75(.22)
Behavior Analysis	.66*	.94*	.50*	.61*	.47*	.50*	105(.20)
Cognitive Curriculum	.53*	.77*	.42*	.67*	.42*	.55*	75(.22)
Parent Education	.43*	.75*	.62*	.38*	.55*	.50*	75(.22)
EDC	.43*	.67*	.28*	.28*	.34*	.33*	75(.22)
IELP	.79*	.94*	.91*	.85*	.77*	.91*	45(.29)
Interdependent Learning	.39*	.80*	.63*	.31	.70*	.51*	30(.35)
SEDL	.62*	.92*	.71*	.62*	.68*	.69*	75(.22)
CLA	.58*	.79*	.61*	.58*	.67*	.60*	30(.35)
Home-School Partnership	--	--	--	--	.53*	--	15(.48)
California Process	.21	--	.07	--	.69*	--	45(.29)
NSA	.93*	.87*	.57*	.80*	.61*	.65*	30(.35)

[a] Preschool Adjusted Local Analysis

[b] Preschool Adjusted Pooled Analysis

[c] Local Analysis

[d] Pooled Analysis

[e] N(r) - Number of effects and (correlation needed for significance at .05 level)

* Significant at .05 level

Table 2-7

PEARSON CORRELATION COEFFICIENTS AMONG ESTIMATES OF TREATMENT EFFECTS FROM SELECTED ANALYSES OF COHORT II-K BY MODEL

MODEL	CORRELATION						
	PALA[a] with PAPA[b]	PALA with Local[c]	PALA with Pooled[d]	PAPA with Local	PAPA with Pooled	Local with Pooled	N(r)[e]
All Models	.59*	.60*	.50*	.44*	.58*	.46*	765(.08)
Self-Sponsored	.41*	.27*	.40*	.24*	.57*	.24*	75(.22)
Responsive Education	.67*	.78*	.53*	.54*	.54*	.57*	105(.20)
TEEM	.55*	.52*	.53*	.29*	.51*	.36*	60(.25)
Bank Street	.58*	.62*	.37*	.44*	.62*	.48*	90(.21)
Direct Instruction	.65*	.87*	.56*	.60*	.65*	.52*	75(.22)
Behavior Analysis	.47*	.44*	.31*	.30*	.49*	.13	75(.22)
Cognitive Curriculum	.58*	.47*	.49*	.71*	.80*	.65*	45(.29)
Parent Education	.78*	.26*	.76*	.18	.74*	.21	60(.25)
EDC	.50*	.28	.24	.17	.35*	.03	45(.29)
Interdependent Learning	.49*	.33	0	.16	.34	.30	15(.48)
SEDL	.36*	--	.23	--	.13	--	45(.29)
Home-School Partnership	.83*	1.00*	.66*	.83*	.45	.66*	15(.48)
California Process	.59*	.84*	.61*	.62*	.64*	.58*	60(.25)

[a] Preschool Adjusted Local Analysis

[b] Preschool Adjusted Pooled Analysis

[c] Local Analysis

[d] Pooled Analysis

[e] N(r) Number of effects and (correlation needed for significance at .05 level)

* Significant at .05 level

Table 2-8

PEARSON CORRELATION COEFFICIENTS
AMONG ESTIMATES OF TREATMENT EFFECTS
FROM SELECTED ANALYSES OF COHORT III-EF BY MODEL

MODEL	CORRELATION						
	PALA[a] with PAPA[b]	PALA with Local[c]	PALA with Pooled[d]	PAPA with Local	PAPA with Pooled	Local with Pooled	N(r)[e]
All Models	.64*	.91*	.74*	.63*	.79*	.75*	210(.13)
Responsive Education	.72*	.96*	.86*	.72*	.79*	.84*	45(.29)
TEEM	.56*	.80*	.64*	.53*	.66*	.58*	75(.22)
Direct Instruction	.76*	.98*	.79*	.74*	.79*	.77*	45(.29)
Mathemagenic Activities	.51*	.68*	.47*	.49*	.80*	.60*	45(.29)

[a] Preschool Adjusted Local Analysis

[b] Preschool Adjusted Pooled Analysis

[c] Local Analysis

[d] Pooled Analysis

[e] N(r) = Number of effects and (correlation needed for significance at .05 level)

* Significant at .05 level

Table 2-9

PEARSON CORRELATION COEFFICIENTS AMONG ESTIMATES OF TREATMENT EFFECTS FROM SELECTED ANALYSES OF COHORT II-EF BY MODEL

MODEL	CORRELATION						
	PALA[a] with PAPA[b]	PALA with Local[c]	PALA with Pooled[d]	PAPA with Local	PAPA with Pooled	Local with Pooled	N(r)[e]
All Models	.54*	.66*	.59*	.62*	.69*	.67*	150(.16)
Bank Street	--	--	--	.39	.84*	.28	15(.48)
Direct Instruction	.54*	.63*	.53*	.78*	.73*	.75*	45(.29)
Cognitive Curriculum	.53*	.10	.19	.20	.35	.14	15(.48)
Parent Education	.55*	--	.41*	--	.85*	--	45(.29)
EDC	.54*	.76*	.60*	.29	.18	.74*	30(.35)

[a] Preschool Adjusted Local Analysis

[b] Preschool Adjusted Pooled Analysis

[c] Local Analysis

[d] Pooled Analysis

[e] N(r) = Number of effects and (correlation needed for significance at .05 level)

* Significant at .05 level

Parallel conclusions may be drawn about our confidence in the analysis of each outcome by examining the correlations presented in Tables 2-10 through 2-13. Across the four cohort streams there is a tendency for correlations for the affective measures [Coopersmith, IARS (+), IARS (-)] to be lower than for the other measures.

While the Pearson correlation coefficient provides one measure of association between the treatment effects yielded by different analyses, it is inadequate (and quite low) in certain cases where the agreement among categories of effects is high. Therefore, Tables 2-14 through 2-21 present the percentage of agreement between the treatment effects of different pairs of analyses by cohort, model, and outcome. Percentage of agreement is defined as the number of matching treatment effects divided by the total number of effects. In general, this statistic indicates a higher relationship between the results of each pair of analyses than the correlation coefficient.

DEFINITION AND CONSEQUENCES OF PRETREATMENT MISMATCH

The noncomparability of FT children across models led to the selection of local comparison children early in the Follow Through evaluation. It became clear in the course of our evaluation that FT children in some sites are not comparable with these local NFT children. In an attempt to counteract this noncomparability, we devised a set of analytic techniques designed to compensate to the fullest possible extent for treatment/comparison group initial differences.

Although FT and NFT sites were judgmentally selected, many are well matched on background characteristics such as those contained in our covariate set. For such groups, we feel that the application of adjusting procedures as a means for removing preexisting differences is justified. On the other hand, as the initial mismatch between groups to be compared becomes larger, we tend to lose confidence in the ability of adjusting procedures on background characteristics to control for those differences. Gross FT/NFT mismatch suggests that the treatment and control groups may really be from different populations and therefore we are not justified in comparing them. The issue, then, is to define the magnitude of mismatch between an FT and NFT group which makes us uncomfortable about comparing the two.

Table 2-10

PEARSON CORRELATION COEFFICIENTS
AMONG ESTIMATES OF TREATMENT EFFECTS
FROM SELECTED ANALYSES OF COHORT III-K BY OUTCOME

OUTCOME	CORRELATION					
	PALA[a] with PAPA[b]	PALA with Local[c]	PALA with Pooled[d]	PAPA with Local	PAPA with Pooled	Local with Pooled
All Outcomes	.61*	.84*	.59*	.59*	.64*	.60*
Word Knowledge	.56*	.89*	.57*	.59*	.54*	.60*
Spelling	.63*	.90*	.61*	.65*	.63*	.57*
Language	.72*	.85*	.70*	.70*	.74*	.77*
Math Computations	.69*	.88*	.68*	.66*	.76*	.70*
Raven's	.60*	.87*	.39*	.68*	.41*	.39*
Reading	.65*	.82*	.53*	.73*	.71*	.66*
Math Concepts	.71*	.83*	.62*	.66*	.75*	.62*
Math Problem Solving	.56*	.68*	.54*	.43*	.67*	.58*
Coopersmith	.44*	.69*	.43*	.23	.47*	.14
IARS(-)	.52*	.84*	.50*	.42*	.58*	.52*
IARS(+)	.30*	.68*	.50*	.35*	.55*	.55*
Total Reading	.50*	.82*	.58*	.49*	.54*	.57*
Total Math	.67*	.87*	.67*	.62*	.76*	.67*
Language Part A	.38*	.72*	.36*	.43*	.54*	.32*
Language Part B	.80*	.89*	.71*	.76*	.72*	.71*

Note. — There are 62 site groups; the correlation coefficient needed for significance at .05 level is .25.

[a] Preschool Adjusted Local Analysis

[b] Preschool Adjusted Pooled Analysis

[c] Local Analysis

[d] Pooled Analysis

* Significant at .05 level

Table 2-11

PEARSON CORRELATION COEFFICIENTS
AMONG ESTIMATES OF TREATMENT EFFECTS
FROM SELECTED ANALYSES OF COHORT II-K BY OUTCOME

OUTCOME	CORRELATION					
	PALA[a] with PAPA[b]	PALA with Local[c]	PALA with Pooled[d]	PAPA with Local	PAPA with Pooled	Local with Pooled
All Outcomes	.59*	.60*	.50*	.44*	.58*	.46*
Word Knowledge	.68*	.63*	.63*	.48*	.73*	.50*
Spelling	.57*	.58*	.12	.31*	.07	.10
Language	.54*	.75*	.52*	.46*	.74*	.42*
Math Computations	.72*	.55*	.54*	.58*	.64*	.59*
Raven's	.58*	.51*	.30*	.30*	.44*	.46*
Reading	.53*	.64*	.60*	.42*	.59*	.50*
Math Concepts	.67*	.57*	.52*	.35*	.54*	.42*
Math Problem Solving	.59*	.62*	.47*	.40*	.63*	.40*
Coopersmith	.30*	.24	.21	.34*	.49*	.37*
IARS(-)	.53*	.47*	.55*	.43*	.64*	.46*
IARS(+)	.18	.55*	.50*	.28*	.48*	.59*
Total Reading	.71*	.68*	.53*	.53*	.65*	.48*
Total Math	.71*	.56*	.60*	.57*	.81*	.58*
Language Part A	.58*	.58*	.59*	.55*	.69*	.60*
Language Part B	.60*	.60*	.57*	.48*	.67*	.56*

Note. -- There are 51 site groups; the correlation coefficient needed for significance at .05 level is .27.

[a] Preschool Adjusted Local Analysis

[b] Preschool Adjusted Pooled Analysis

[c] Local Analysis

[d] Pooled Analysis

* Significant at .05 level

Table 2-12

PEARSON CORRELATION COEFFICIENTS AMONG ESTIMATES OF TREATMENT EFFECTS FROM SELECTED ANLAYSES OF COHORT III-EF BY OUTCOME

OUTCOME	CORRELATION					
	PALA[a] with PAPA[b]	PALA with Local[c]	PALA with Pooled[d]	PAPA with Local	PAPA with Pooled	Local with Pooled
All Outcomes	.64*	.91*	.74*	.63*	.79*	.75*
Word Knowledge	.50*	.87*	.50*	.39	.77*	.64*
Spelling	.81*	.90*	.69*	.68*	.87*	.70*
Language	.56*	1.00*	.74*	.56*	.87*	.74*
Math Computations	.76*	.91*	1.00*	.67*	.76*	.91*
Raven's	.39	.68*	.46	.58*	.64*	.68*
Reading	.36	.90*	.61*	.46	.73*	.74*
Math Concepts	.72*	1.00*	.85*	.72*	.86*	.85*
Math Problem Solving	.79*	1.00*	.86*	.79*	.94*	.86*
Coopersmith	.58*	1.00*	.68*	.58*	.59*	.68*
IARS(-)	.57*	.73*	.46	.57*	.69*	.46
IARS(+)	.63*	.88*	.90*	.52*	.73*	.81*
Total Reading	.50*	.90*	.73*	.53*	.76*	.59*
Total Math	.81*	.92*	.87*	.75*	.94*	.81*
Language Part A	.73*	.90*	.76*	.80*	.94*	.84*
Language Part B	.28	1.00*	.70*	.28	.55*	.70*

Note. -- There are 14 site groups; the correlation coefficient needed for significance at .05 level is .50.

[a] Preschool Adjusted Local Analysis

[b] Preschool Adjusted Pooled Analysis

[c] Local Analysis

[d] Pooled Analysis

* Significant at .05 level

Table 2-13

PEARSON CORRELATION COEFFICIENTS AMONG ESTIMATES OF TREATMENT EFFECTS FROM SELECTED ANALYSES OF COHORT II-EF BY OUTCOME

OUTCOME	CORRELATION					
	PALA[a] with PAPA[b]	PALA with Local[c]	PALA with Pooled[d]	PAPA with Local	PAPA with Pooled	Local with Pooled
All Outcomes	.54*	.66*	.59*	.62*	.68*	.67*
Word Knowledge	.39	.77*	.67*	.73*	.77*	.73*
Spelling	.50	0	.50	.45	.60*	.45
Language	.76*	.84*	.55	.69*	.72*	.49
Math Computations	.60*	.83*	.60*	.69*	.82*	.69*
Raven's	--	--	--	.67*	.58*	.67*
Reading	.47	.64*	.80*	.80*	.64*	.80*
Math Concepts	.42	.72*	.69*	.69*	.78*	.69*
Math Problem Solving	.67*	.88*	.78*	.74*	.82*	.81*
Coopersmith	.49	.50	.37	.49	.51	.75*
TARS(-)	.56	0	.52	0	.29	.64*
TARS(+)	.71*	.83*	.75*	.59*	.79*	.87*
Total Reading	.55	.77*	.67*	.80*	.64*	.73*
Total Math	.57	.71*	.56	.81*	.93*	.79*
Language Part A	.59*	.51	.72*	.30	.42	.88*
Language Part B	1.00*	.84*	.61*	.84*	.61*	.23

Note. -- There are 10 site groups; the correlation coefficient needed for significance at .05 level is .58.

[a] Preschool Adjusted Local Analysis

[b] Preschool Adjusted Pooled Analysis

[c] Local Analysis

[d] Pooled Analysis

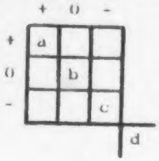
* Significant at .05 level

Table 2-14

PERCENTAGE OF AGREEMENT AMONG SELECTED ANALYSES, PAIRWISE, FOR COHORT III-K BY MODEL

MODEL	COMPARISON						
	PALA[a] with PAPA[b]	PALA with Local[c]	PALA with Pooled[d]	PAPA with Local	PAPA with Pooled	Local with Pooled	N
All Models	73	94	74	72	72	75	930
Responsive Education	76	89	84	67	78	80	90
TEEM	79	94	74	82	82	78	90
Bank Street	73	91	76	75	77	79	75
Direct Instruction	63	93	69	64	83	71	75
Behavior Analysis	71	97	71	69	64	72	105
Cognitive Curriculum	76	92	65	81	57	71	75
Parent Education	63	92	76	63	63	71	75
EDC	85	96	68	81	64	69	75
IELP	84	96	93	89	82	93	45
Interdependent Learning	63	97	87	60	77	83	30
SEDL	76	97	83	76	75	83	75
CLA	73	90	67	77	60	63	30
Home-School Partnership	80	100	93	80	87	93	15
California Process	40	98	47	38	62	49	45
NSA	97	93	73	90	77	80	30

Note. – Percentage of agreement = $\frac{a + b + c}{d}$ where



[a] Preschool Adjusted Local Analysis

[b] Preschool Adjusted Pooled Analysis

[c] Local Analysis

[d] Pooled Analysis

Table 2-15

PERCENTAGE OF AGREEMENT AMONG SELECTED ANALYSES, PAIRWISE, FOR COHORT II-K BY MODEL

MODEL	COMPARISON						
	PALA[a] with PAPA[b]	PALA with Local[c]	PALA with Pooled[d]	PAPA with Local	PAPA with Pooled	Local with Pooled	N
All Models	71	84	64	64	66	60	765
Self-Sponsored	61	91	60	55	64	53	75
Responsive Education	82	90	67	74	63	69	105
TEEM	62	80	72	50	62	62	60
Bank Street	78	94	64	74	73	66	90
Direct Instruction	67	93	60	71	60	64	75
Behavior Analysis	69	77	48	57	52	43	75
Cognitive Curriculum	67	64	58	80	82	71	45
Parent Education	80	73	83	53	82	63	60
EDC	67	67	58	51	78	40	45
Interdependent Learning	67	67	60	33	67	60	15
SEDL	58	80	60	42	42	53	45
Home-School Partnership	93	100	87	93	80	87	15
California Process	77	93	70	77	70	67	60

Note. -- Percentage of agreement = $\frac{a + b + c}{d}$ where

	+	0	-	
+	a			
0		b		
-			c	
				d

[a] Preschool Adjusted Local Analysis

[b] Preschool Adjusted Pooled Analysis

[c] Local Analysis

[d] Pooled Analysis

Table 2-16

PERCENTAGE OF AGREEMENT AMONG SELECTED ANALYSES, PAIRWISE, FOR COHORT III-EF BY MODEL

MODEL	COMPARISON						
	PALA[a] with PAPA[b]	PALA with Local[c]	PALA with Pooled[d]	PAPA with Local	PAPA with Pooled	Local with Pooled	N
All Models	67	95	79	66	79	79	210
Responsive Education	56	96	80	60	71	80	45
TEEM	76	96	88	75	80	87	75
Direct Instruction	73	98	80	71	84	78	45
Mathemagenic Activities	56	89	60	53	78	67	45

Note. -- Percentage of agreement = $\frac{a + b + c}{d}$ where

$$\begin{array}{c|c|c|c|c} & + & 0 & - & \\ \hline + & a & & & \\ \hline 0 & & b & & \\ \hline - & & & c & \\ \hline & & & & d \end{array}$$

[a] Preschool Adjusted Local Analysis

[b] Preschool Adjusted Pooled Analysis

[c] Local Analysis

[d] Pooled Analysis

Table 2-17

PERCENTAGE OF AGREEMENT AMONG SELECTED ANALYSES, PAIRWISE, FOR COHORT II-EF BY MODEL

MODEL	COMPARISON						
	PALA[a] with PAPA[b]	PALA with Local[c]	PALA with Pooled[d]	PAPA with Local	PAPA with Pooled	Local with Pooled	N
All Models	65	81	63	67	73	67	150
Bank Street	27	73	13	53	87	40	15
Direct Instruction	49	69	60	71	62	69	45
Cognitive Curriculum	87	80	40	67	53	27	15
Parent Education	80	91	78	71	93	73	45
EDC	73	87	80	63	63	87	30

Note. -- Percentage of agreement = $\frac{a + b + c}{d}$ where

$$\begin{array}{c|c|c|c|c} & + & 0 & - & \\ \hline + & a & & & \\ \hline 0 & & b & & \\ \hline - & & & c & \\ \hline & & & & d \end{array}$$

[a] Preschool Adjusted Local Analysis

[b] Preschool Adjusted Pooled Analysis

[c] Local Analysis

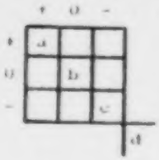
[d] Pooled Analysis

Table 2-18

PERCENTAGE OF AGREEMENT AMONG SELECTED ANALYSES, PAIRWISE, FOR COHORT III-K BY OUTCOME

OUTCOME	COMPARISON					
	PALA[a] with PAPA[b]	PALA with Local[c]	PALA with Pooled[d]	PAPA with Local	PAPA with Pooled	Local with Pooled
All Outcomes	73	94	74	72	72	75
Word Knowledge	69	95	74	71	63	76
Spelling	69	95	69	71	65	68
Language	74	92	77	73	74	82
Math Computations	73	92	69	71	74	71
Raven's	82	97	76	85	76	76
Reading	74	92	73	79	74	76
Math Concepts	77	92	73	76	79	74
Math Problem Solving	73	92	73	68	74	74
Coopersmith	74	95	85	69	81	81
IARS(-)	71	97	73	68	66	73
IARS(+)	63	95	81	65	69	82
Total Reading	66	94	73	66	61	73
Total Math	74	94	74	71	77	74
Language Part A	71	95	68	73	68	66
Language Part B	84	94	77	81	74	77

Note. -- Percentage of agreement = $\frac{a + b + c}{d}$ where



[a] Preschool Adjusted Local Analysis

[b] Preschool Adjusted Pooled Analysis

[c] Local Analysis

[d] Pooled Analysis

Table 2-19

PERCENTAGE OF AGREEMENT AMONG SLEECTED ANALYSES, PAIRWISE, FOR COHORT II-K BY OUTCOME

OUTCOME	COMPARISON					
	PALA[a] with PAPA[b]	PALA with Local[c]	PALA with Pooled[d]	PAPA with Local	PAPA with Pooled	Local with Pooled
All Outcomes	70	84	64	63	65	60
Word Knowledge	76	84	73	65	76	65
Spelling	67	80	39	51	59	27
Language	65	88	67	63	78	65
Math Computations	75	75	63	65	61	69
Raven's	73	92	63	65	55	63
Reading	73	86	69	67	61	67
Math Concepts	71	78	57	61	67	57
Math Problem Solving	69	84	67	57	71	57
Coopersmith	67	88	45	67	37	37
IARS(-)	75	88	73	71	71	69
IARS(+)	75	90	80	73	75	82
Total Reading	80	86	71	71	75	63
Total Math	75	76	63	63	80	59
Language Part A	67	86	63	65	57	65
Language Part B	65	78	71	55	75	63

Note. — Percentage of agreement = $\frac{a+b+c}{d}$ where

$$\begin{array}{c|ccc|c} & + & 0 & - & \\ \hline + & a & & & \\ 0 & & b & & \\ - & & & c & \\ \hline & & & & d \end{array}$$

[a] Preschool Adjusted Local Analysis

[b] Preschool Adjusted Pooled Analysis

[c] Local Analysis

[d] Pooled Analysis

Table 2-20

PERCENTAGE OF AGREEMENT AMONG SELECTED ANALYSES, PAIRWISE, FOR COHORT III-EF BY OUTCOME

OUTCOME	COMPARISON					
	PALA[a] with PAPA[b]	PALA with Local[c]	PALA with Pooled[d]	PAPA with Local	PAPA with Pooled	Local with Pooled
All Outcomes	67	95	79	66	79	79
Word Knowledge	71	93	71	64	86	79
Spelling	79	93	64	71	86	71
Language	64	100	79	64	86	79
Math Computations	71	93	100	64	71	93
Raven's	71	93	79	79	79	86
Reading	43	93	71	50	71	79
Math Concepts	71	100	79	71	79	79
Math Problem Solving	79	100	86	79	93	86
Coopersmith	71	100	79	71	64	79
IARS(-)	50	86	50	50	57	50
IARS(+)	71	93	93	64	79	86
Total Reading	57	93	79	64	79	71
Total Math	79	93	86	71	93	79
Language Part A	71	93	79	79	93	86
Language Part B	50	100	86	50	64	86

Note. -- Percentage of agreement $= \frac{a + b + c}{d}$ where

$$\begin{array}{c|c|c|c|l} & + & 0 & - & \\ \hline + & a & & & \\ \hline 0 & & b & & \\ \hline - & & & c & \\ \hline & & & & d \end{array}$$

[a] Preschool Adjusted Local Analysis

[b] Preschool Adjusted Pooled Analysis

[c] Local Analysis

[d] Pooled Analysis

Table 2-21

PERCENTAGE OF AGREEMENT AMONG SELECTED ANALYSES, PAIRWISE, FOR COHORT II-EF BY OUTCOME

OUTCOME	COMPARISON					
	PALA[a] with PAPA[b]	PALA with Local[c]	PALA with Pooled[d]	PAPA with Local	PAPA with Pooled	Local with Pooled
All Outcomes	65	81	63	67	73	67
Word Knowledge	30	80	50	50	80	50
Spelling	70	60	70	50	80	50
Language	90	90	70	80	80	60
Math Computations	60	90	60	70	80	70
Raven's	80	90	60	90	60	70
Reading	40	70	60	70	60	70
Math Concepts	40	80	60	40	80	40
Math Problem Solving	60	90	60	70	80	70
Coopersmith	70	80	60	70	70	80
IARS(-)	80	70	60	50	40	70
IARS(+)	80	90	80	70	80	90
Total Reading	50	80	50	70	60	50
Total Math	50	80	40	70	90	60
Language Part A	70	70	80	70	80	90
Language Part B	100	90	80	90	80	80

Note. -- Percentage of agreement = $\frac{a + b + c}{d}$ where

	+	0	-
+	a		
0		b	
-			c

d

[a] Preschool Adjusted Local Analysis

[b] Preschool Adjusted Pooled Analysis

[c] Local Analysis

[d] Pooled Analysis

Magnitude of Adjustment

The difference between FT and NFT raw outcome site means is a measure of unadjusted "effect." We adjust the raw effects because the FT and NFT groups were not initially equal. The more different they are, the larger is the adjustment, as long as the group differences are relevant to (i.e., correlate with) the outcome measure. The (signed) magnitude of the local adjustment is thus a convenient composite index of local mismatch --or at least the component of mismatch that is relevant to the outcomes and for which we have data. For the Preschool Adjusted Local Analysis we compute the "local adjustment" for outcome_i in site_j as:

$$\text{LOCAL ADJ}_{ij} = (\text{Local adjusted treatment effect for outcome}_i \text{ in site}_j) - (\text{Raw FT mean}_{ij} - \text{Raw NFT mean}_{ij})$$

In the case of the Preschool Adjusted Pooled Analysis, we subtract the same local unadjusted effect as in the local case, creating the "pooled adjustment":

$$\text{POOLED ADJ}_{ij} = (\text{Pooled adjusted treatment effect for outcome}_i \text{ in site}_j) - (\text{Raw FT mean}_{ij} - \text{Raw NFT mean}_{ij})$$

Extreme values of either of these adjustment statistics might lead us to distrust the adjusted effects estimates in which they take part. If the adjustment is too large, the various terms in the prediction equation may be making excessive contributions to the prediction of the particular outcome. Such an adjustment may be unstable.

We acknowledge the existence of diverse opinions on this subject. At one end of the continuum is the viewpoint that the covariate set is an adequate model of a student's background and therefore all adjusted effects should be trusted. At the opposite end is the assumption that the covariate set is not adequate and therefore we should mistrust all adjusted effects. We have taken a course between these two extremes. Even though we believe in the adequacy of our covariate set, we question very large adjustments and so have decided to mistrust:

- any local effect estimate whose adjustment exceeds one-half standard deviation of the outcome measure, where the standard deviation is the same one that we used in judging the materiality of the adjusted effects (that is, the pooled within-site standard deviation of the FT and NFT children combined); and

- any pooled effect estimate whose pooled adjustment exceeds the same criterion.

The criterion of one-half standard deviation was selected after we ascertained that such a figure separated those sites which had what we considered to be large initial mismatch (e.g., an FT/NFT difference of five to seven points on the pretest or an FT/NFT difference of about $2,000 in income) from the other sites.

Table 2-22 shows the proportion of adjustments considered to be large for each site-level analysis of each outcome for all cohort streams. In general, the Preschool Adjusted Pooled Analysis (across all cohort streams) contains a greater proportion of large adjustments than the Preschool Adjusted Local Analysis (across all cohort streams). Also, the Cohort II-EF stream tends to contain a greater proportion of large adjustments than other cohort streams.

Those effects which we do not trust are displayed in Summary of Effects Tables along with trusted effects. However, in an effort to alert the reader to the existence of these problems we point out questionable effects by shading the appropriate sections of Summary of Effects Tables. (By shading we mean that a gray mask is placed over the section of each table containing the effects we consider to be possibly misleading. The mask allows the reader to see the effects and interpret them if desired, but serves as a warning that something may be amiss.) We do not interpret any shaded effects, nor do these effects enter into the aggregations presented in Chapter Three. The model discussions are thus based solely on effect estimates which we believe to be valid.

In addition to mistrusting certain effects, we were concerned that different analyses sometimes yielded different results and felt that the selection of the "more appropriate" of the Preschool Adjusted Local and Pooled Analyses would help to clarify our interpretations in Chapter Three of this volume. The More Appropriate Analysis (MAA), either the Preschool Adjusted Local or Preschool Adjusted Pooled, was selected for each of the sites included in the four cohort streams of the evaluation. This involved comparisons of FT site covariate means with model and pooled NFT covariate means. Since the Preschool Adjusted Local Analysis computes treatment effects at the model covariate centroid, and the Preschool Adjusted Pooled

Table 2-22

PERCENTAGE OF ADJUSTMENTS WHICH EXCEED ONE-HALF STANDARD DEVIATION OF THE OUTCOME MEASURE FOR THE PRESCHOOL ADJUSTED ANALYSES FOR EACH OUTCOME BY COHORT STREAM

OUTCOME	COHORT STREAM							
	COHORT III-K		COHORT II-K		COHORT III-EF		COHORT II-EF	
	PALA[a]	PAPA[b]	PALA	PAPA	PALA	PAPA	PALA	PAPA
Word Knowledge	14	16	8	12	7	14	20	40
Spelling	5	18	2	14	7	14	10	50
Language	8	16	6	8	7	21	20	30
Math Computations	5	10	2	6	7	14	10	20
Raven's	3	14	4	10	21	21	20	20
Reading	13	18	6	10	7	14	20	50
Math Concepts	8	16	10	12	7	14	20	30
Math Problem Solving	5	13	8	14	7	21	0	20
Coopersmith	0	2	0	6	7	21	10	10
IARS(-)	0	5	0	0	0	7	0	10
IARS(+)	0	6	0	4	7	7	0	10
Total Reading	14	16	8	12	7	14	20	50
Total Math	11	14	6	10	7	21	20	30
Language Part A	5	11	6	12	7	14	10	30
Language Part B	5	13	6	8	7	21	20	20

[a] Preschool Adjusted Local Analysis

[b] Preschool Adjusted Pooled Analysis

Anlaysis computes treatment effects at the pooled NFT covariate centroid, the distance between those centroids and the covariate centroid of the FT site in question is a measure of the appropriateness of the comparison; the smaller the distance, the better the comparison. This assumes that the covariates adequately represent the important differences between groups, and that groups which "look alike" in terms of covariates are "more comparable" than groups which look "less alike."

A set of ten covariates was used including the WRAT, income, occupation, first language, two vectors accounting for differences in ethnicity, two vectors accounting for preschool differences, sex, and age at entry. The distance measure was calculated separately within each cohort stream (since analyses were blocked on cohort streams) in the following manner:

1. Standardize each pupil's covariate scores ($\bar{X} = 50$, $SD = 10$) using means and standard deviations computed on all children (FT and NFT) in the evaluation sample.
2. Calculate the distance between each FT site's covariate centroid and the appropriate model's covariate centroid as: $\Sigma(FT_{\bar{X}i} - M_{\bar{X}i})^2$ where $FT_{\bar{X}i}$ is the FT site's mean on covariate i and $M_{\bar{X}i}$ is the model's mean on covariate i.
3. Calculate the distance between each FT site's covariate centroid and the pooled NFT covariate centroid in the same manner: $\Sigma(FT_{\bar{X}i} - NFT_{\bar{X}i})^2$ where $FT_{\bar{X}i}$ is the FT site's mean on covariate i and $NFT_{\bar{X}i}$ is the pooled NFT mean on covariate i.
4. Finally, if $\Sigma(FT_{\bar{X}i} - M_{\bar{X}i})^2 - \Sigma(FT_{\bar{X}i} - NFT_{\bar{X}i})^2 > 0$ then we selected the Preschool Adjusted Pooled Analysis as the MAA, while if $\Sigma(FT_{\bar{X}i} - M_{\bar{X}i})^2 - \Sigma(FT_{\bar{X}i} - NFT_{\bar{X}i})^2 < 0$ we selected the Preschool Adjusted Local Analysis as the MAA.

Note that the missing data at the pupil level was handled by computing site, model, and pooled NFT covariate means based on the number of pupils with valid data, and then making comparisons among means.

A discussion of the results when examined only in terms of the MAA is included in Chapter Three along with discussions which aggregate results from the two analyses.

CHAPTER THREE

RESULTS

This chapter reports the results of the present study. It is a replication of the work reported in Volume IV-A except that the prior preschool experience of all participating children is accounted for whereas the work reported in Volume IV-A did so only for Cohort III Kindergarten. The analysis techniques are discussed in Chapter Two of this volume and Chapter Four of Volume IV-A. We emphasize again that these analyses consider only a restricted set of educational outcomes within the instructional component of Follow Through.

The questions addressed in Volume IV-A led to a series of findings which are readdressed in this chapter. The intent is to determine the extent to which any or all of last year's findings are altered by the introduction of adjustments for differences in preschool experience between FT and NFT children. Prior to presenting the results we now summarize the ways in which Follow Through effects are determined.

Our evaluation of Follow Through Planned Variation models focuses on the progress of FT children relative to the progress of NFT comparison children in three outcome domains as measured by the Follow Through test battery.* For convenience in summarizing the results, we grouped 11 of the outcome tests into those three outcome domains as indicated in Figure

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* Tests of Basic Skills achievement provide a more appropriate estimate of the children's performance in that domain than do tests of Cognitive Conceptual and Affective development in their respective domains. The tests leave much to be desired as indices of performance in the outcome domains, but they were the best available at the time of selection and they do provide insights we would not otherwise have. It behooves the reader to keep in mind precisely which tests generated the evidence we present.

3-1.* The Basic Skills are traditional objectives of elementary schooling: vocabulary, spelling, the conventions of written language, and simple arithmetic computation. Cognitive Conceptual Skills--comprehension, reading, mathematical concepts, mathematical problems, and abstract problem solving--are also traditional academic goals, but are more complex and tend to require application of some Basic Skills.

Figure 3-1

DOMAINS OF THIRD GRADE TESTING IN FOLLOW THROUGH

OUTCOME DOMAINS	TESTS	
BASIC SKILLS	Word Knowledge Spelling Language Math Computations	Metropolitan Achievement Test (MAT)
COGNITIVE CONCEPTUAL SKILLS	Reading Math Concepts Math Problem Solving	
	Raven's Progressive Matrices	
AFFECTIVE OUTCOMES	Coopersmith Self-Esteem	
	Achievement Responsibility, Positive Achievement Responsibility, Negative	Intellectual Achievement Responsibility Scale (IARS)

Affective Outcomes, finally, are approximate measures of the children's self-concept and of their tendency to attribute success or failure to themselves or others.

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* All figures (with the exception of the last one) in this chapter will be numbered as they were numbered in Chapter Five of Volume IV-A. This method of numbering should facilitate comparisons with volume IV-A's figures. Figure 3-2, for example, presents site and model average effects table as Figure 5-2 did in Volume IV-A. This form of numbering necessitates numbering some figures with a suffix (a, b, c or d) where we present within- as well as across-cohort data. The table numbers in Volume IV-A and this volume do not correspond because additional tables have been added to this volume.

In order to capture some of the important aspects of model diversity and to permit us to draw conclusions about types of models, we divided the models into three broad categories according to their areas of primary emphasis:*

• Basic Skills Models	These models focus first on the elementary skills of vocabulary, arithmetic computation, spelling, and language.
• Cognitive Conceptual Skills Models	These models emphasize the more complex "learning-to-learn" and problem-solving skills.
• Affective/Cognitive Models	These models focus primarily on self-concept and attitudes toward learning, and secondarily on "learning-to-learn" skills.

The patterns that we have discerned are based on data gathered on children in Follow Through Cohorts II and III, Entering-Kindergarten (K) and Entering-First (EF) streams. The children in Cohorts II and III entered Follow Through in 1970 and 1971, respectively.

For each Follow Through group** in each project, and with respect to each of 11 test scores, our analyses ask the question:

> "How much better did the Follow Through group perform than it would have performed if it had been outside Follow Through?"

Where the FT group seems to have performed better than the NFT group, we have indicated a positive effect; where less well, a negative effect. Where the difference was too small to seem educationally important, or where it was statistically insignificant and thus could easily be explained by differences among children within the group, we declared it to be a null effect.* Where the characteristics of the Follow Through groups cast serious doubt on the validity of an estimate of performance, we have called the estimate "untrustworthy" and have omitted the associated comparison from the summaries.** All other estimates we have called "trustworthy" and have included in our summary data.

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* As indicated in Volume IV-A, we arrived at this classification judgmentally, based on the stated goals and objectives of the models. Other classifications are possible, and the reader may wish to examine the patterns of effects achieved by other groupings of models. We follow this scheme because it yields some revealing and relatively stable patterns that illuminate the performance of Follow Through.

** A group in these discussions comprises all the FT children in a model's local project in one of the four cohort streams (Cohorts II and III, each with entering-kindergarten (K) and entering-first (EF) streams.) Responsive Education's Cohort III-K children in Duluth, for example, constitutes a group.

We estimated the performance of Follow Through children in each model by combining, in several ways, the available information on the NFT comparison groups. The averages that make up these summaries include two estimates of each effect: the "adjusted local effect," which in essence makes the comparison of a site's FT and NFT groups at the covariate mean of a given model's FT and NFT children; and the "adjusted pooled effect," which makes the comparison at the covariate mean of all NFT children (regardless of model).

The results reported in Volume IV-A include preschool adjustments for Cohort III-K only, while the results of the Supplementary Analyses include preschool adjustments for all cohort streams. While the results presented in Volume IV-A were derived by aggregating all four cohort streams, the present study presents results both aggregated across all cohort streams and separately for Cohort III-K. Thus there are three major sets of results: Cohort III-K only, controlling for preschool differences; all cohort streams, controlling for preschool differences only for Cohort III-K (Volume IV-A); and all cohort streams, controlling for preschool differences (Volume IV-E: Supplementary Analyses). In addition, any reader may construct other aggregates given the information presented in the appendices.

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* Our criterion of educational importance or material significance was set at one-fourth standard deviation of the outcome variable. For those outcomes that possess national grade-equivalent norms in the ranges of scores actually achieved by Follow Through children, this criterion corresponds to a difference on the order of two months of achievement. We also required statistical significance at the $p < .05$ level in order to ensure that we did not draw undue conclusions from groups of inadequate size. In general, and most particularly in the entering-kindergarten streams, the statistical criterion turned out to be the more stringent of the two: 25% of the null effects were "material" but not "significant," whereas only 5% were "significant" but not "material." We surmise that an extra year's attrition in the kindergarten streams may have diminished the numbers of children in the various groups sufficiently to reduce the power of our statistical tests in some cases and to create some tendency toward Type II error.

** We have omitted from these summaries all effects whose covariance adjustment was larger than one-half of an outcome standard deviation (see Chapter Two).

The question we must address is, "Which of these sets of results is more appropriate for drawing conclusions about the relative effectiveness of models?" We will argue that the results derived from the analyses of Cohort III-K provide the best assessment, although results obtained by using other cohort streams and/or aggregating results across cohort streams do not, in our estimation, appreciably alter the conclusions drawn from Cohort III-K. Throughout this chapter we will present evidence that supports the use of Cohort III-K as the appropriate data set for basing model comparisons.

The major finding of this study is that the estimates of model effectiveness (both model averages and rankings) presented in Volume IV-A change little as a result of incorporating preschool information into the analyses of Cohorts II-K, III-EF, and II-EF. They change more when compared with estimates derived from Cohort III-K alone. Figure 3-2* presents model average net effects as given in Volume IV-A (across all cohort streams in the preschool differences controlled only for Cohort III-K); Figure 3-2(a) gives averages for the same models as calculated for the Supplementary Analyses (across all cohort streams with preschool differences controlled for all streams); and Figure 3-2(b) gives averages based on Cohort III-K data (with preschool differences controlled)**. In both

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* The models included in this figure (N=13) are a subset of the models in the evaluation (N=17). Since the figure presents model averages in each outcome domain across all its sites, a model was excluded if its effects were based on fewer than three sites. Further, a site was required to have at least 50 percent trustworthy effects to be plotted. Finally, all trustworthy effects from all of a model's sites were included in a model's average. (Even if a site was not plotted due to a predominance of untrustworthy effects, the effects which were trusted were included in the model average.) These steps were taken as a precaution against displaying model or site averages based on very few trustworthy effects. The "number of sites" column gives the number of sites displayed.

** Appendix Tables F18 and F19 present the actual model and site averages from which these figures were plotted.

Figure 3-2

SITE AND MODEL AVERAGE EFFECTS IN THREE OUTCOME DOMAINS FOR THIRTEEN FOLLOW THROUGH MODELS ACROSS ALL COHORT STREAMS

FOR VOLUME IV-A

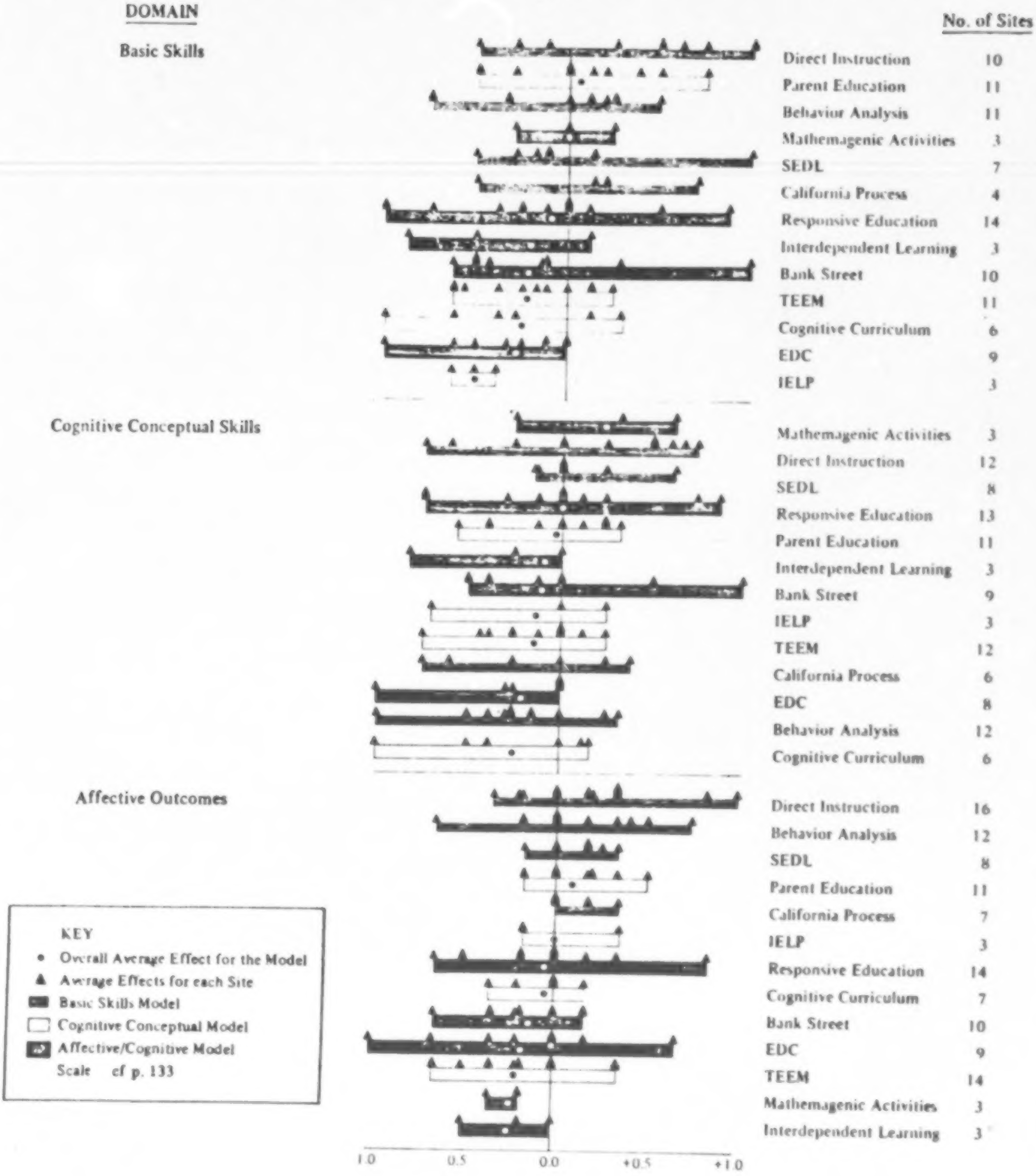
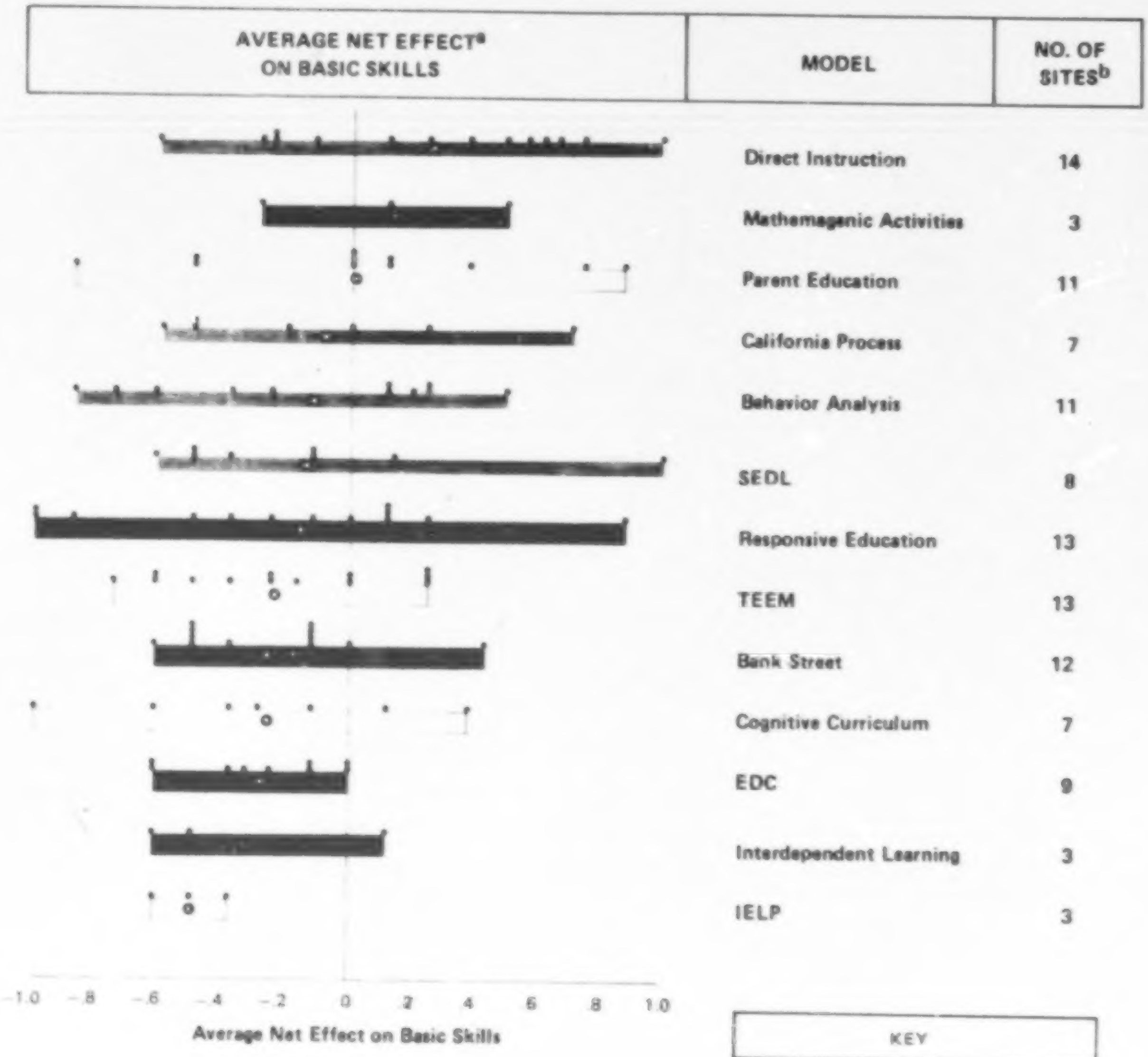


Figure 3–2 (a)

AVERAGE NET EFFECTS BY SITE AND MODEL IN THREE OUTCOME DOMAINS ACROSS ALL COHORT STREAMS (ALL COHORT STREAMS ARE PRESCHOOL ADJUSTED)



KEY

- ○ Average Net Effect for the Model
- ● Average Net Effect for Each Site
- ▨ Basic Skills Model
- ☐ Cognitive Conceptual Skills Model
- ■ Affective/Cognitive Model

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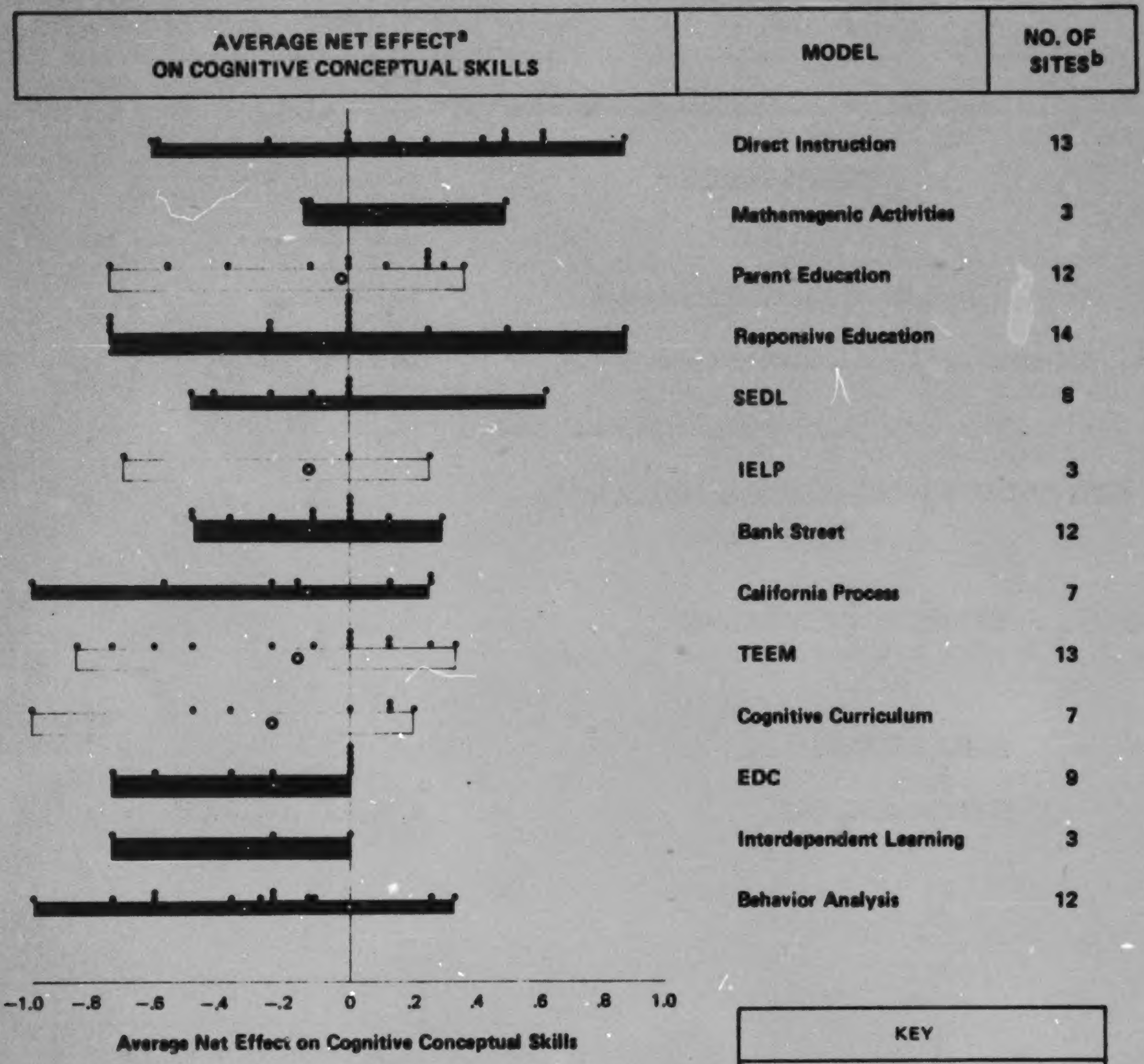
[a] Average Net Effect = (sum of positive trustworthy effects minus sum of negative trustworthy effects) divided by the total number of trustworthy effects, where a positive trustworthy effect is assigned a value of +1 and a negative trustworthy effect a value of −1. This average net effect is based on trustworthy effects from all sites within a given model.

[b] Each dot (●) represents a site in *any given cohort stream* which has a minimum of 50% trustworthy effects in Basic Skills.

Figure 3–2 (a) (continued)



KEY

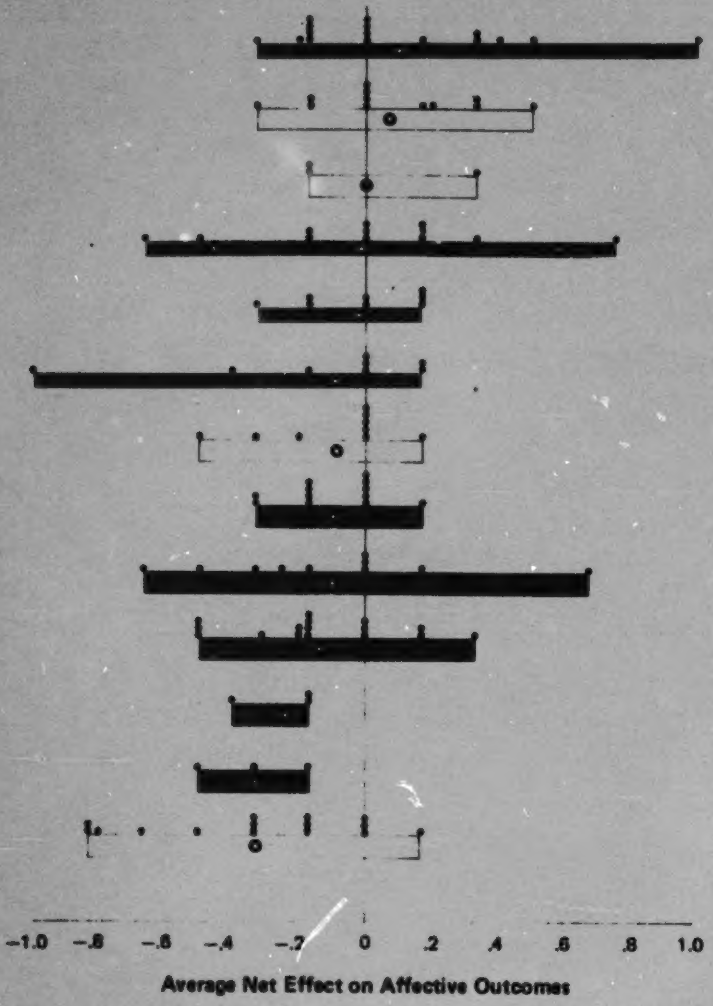
- ○ Average Net Effect for the Model
- ● Average Net Effect for Each Site
- ■ Basic Skills Model
- ☐ Cognitive Conceptual Skills Model
- ■ Affective/Cognitive Model

[a] See first page of Figure 3–2 (a) for definition of Average Net Effect.

[b] Each dot (●) represents a site in *any given cohort stream* which has a minimum of 50% trustworthy effects in Cognitive Conceptual Skills.

Figure 3–2 (a) (continued)

AVERAGE NET EFFECT[a] ON AFFECTIVE OUTCOMES



MODEL	NO. OF SITES[b]
Direct Instruction	16
Parent Education	12
IELP	3
Behavior Analysis	12
SEDL	8
California Process	8
Cognitive Curriculum	9
Bank Street	12
EDC	10
Responsive Education	16
Mathemagenic Activities	3
Interdependent Learning	3
TEEM	15

KEY

- ⭘ Average Net Effect for the Model
- ● Average Net Effect for Each Site
- ▬ Basic Skills Model
- ☐ Cognitive Conceptual Skills Model
- ■ Affective/Cognitive Model

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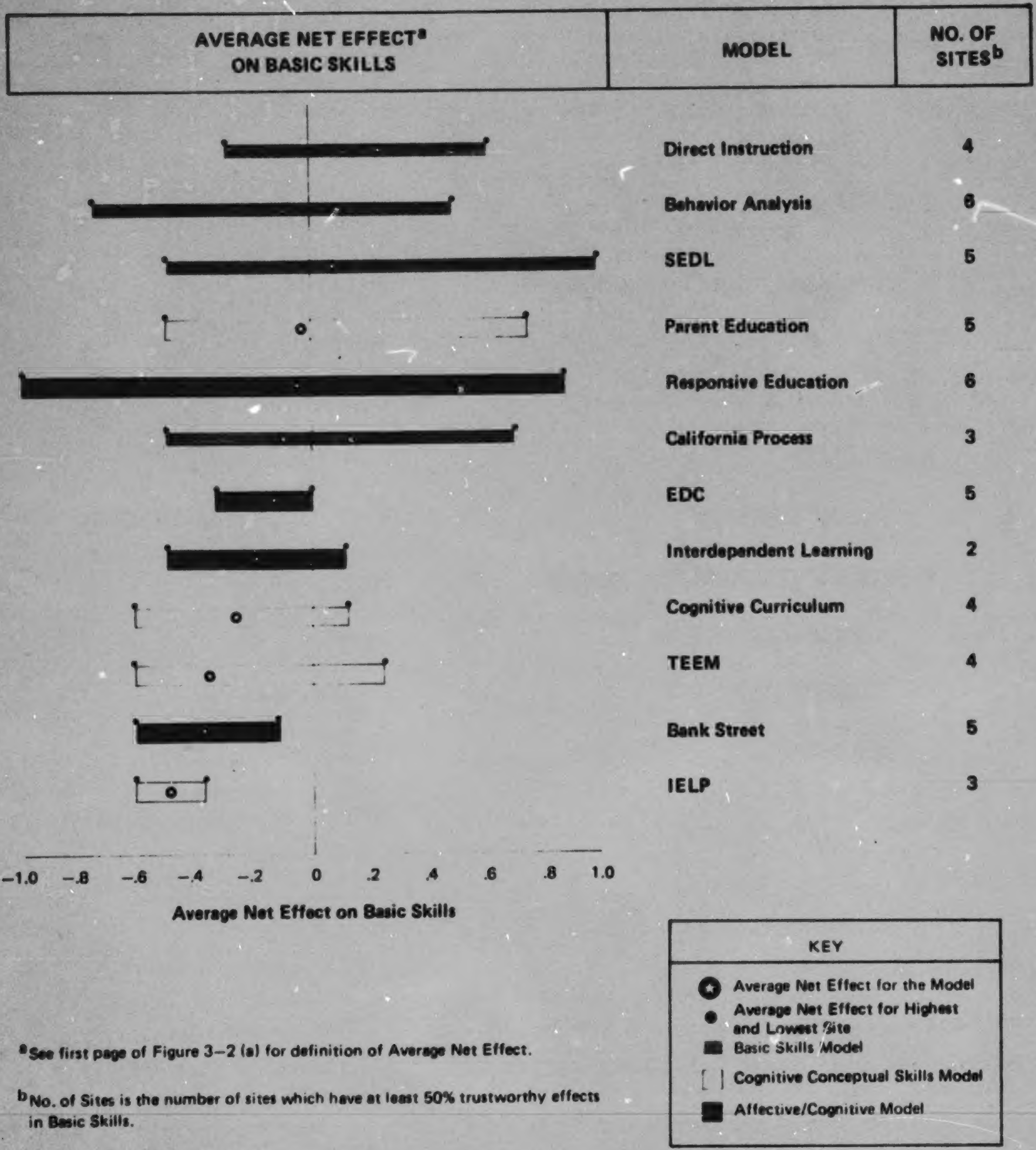
[a] See first page of Figure 3–2 (a) for definition of Average Net Effect.

[b] Each dot (●) represents a site in *any given cohort stream* which has a minimum of 50% trustworthy effects in Affective Outcomes.

Figure 3–2 (b)

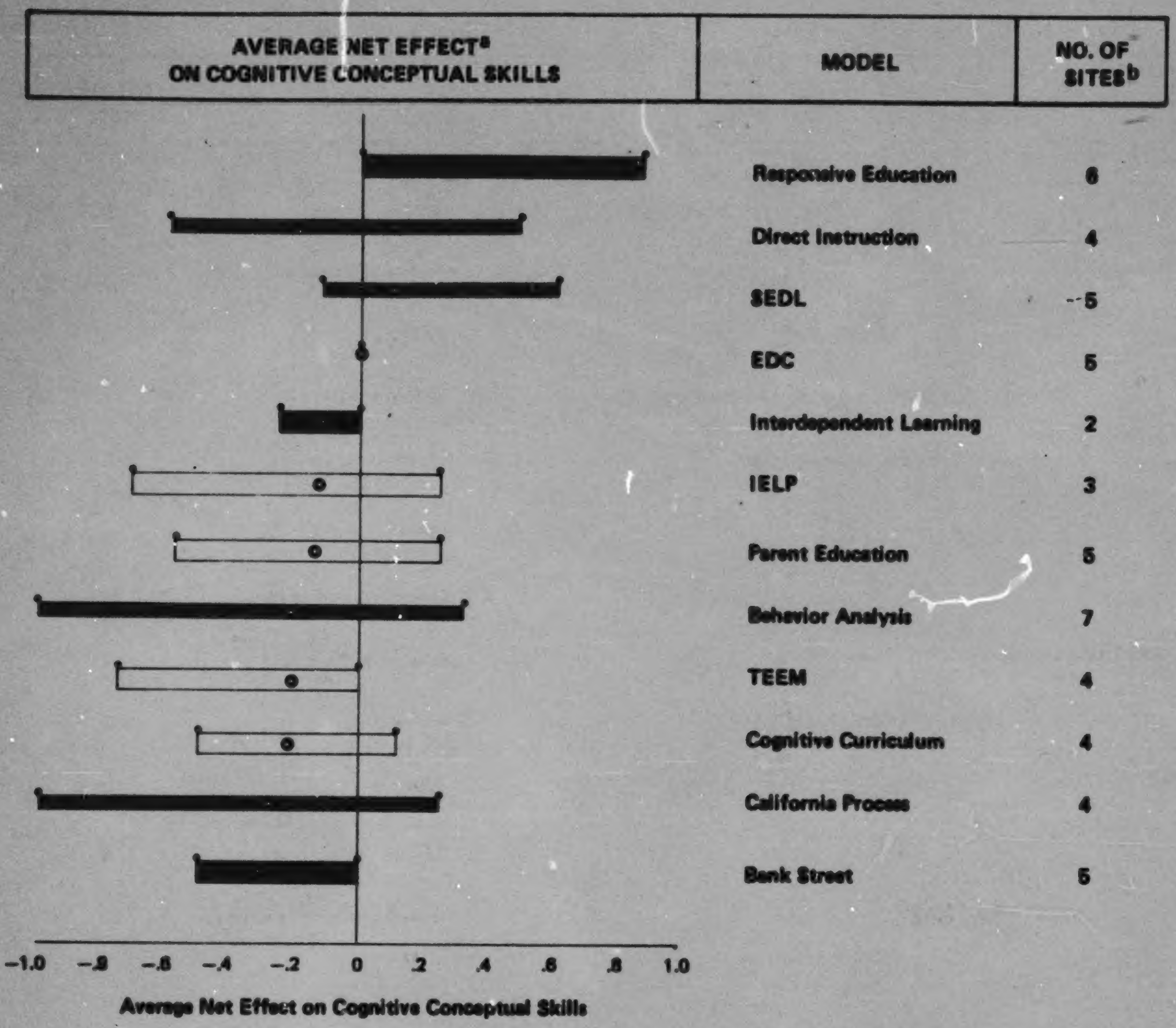
AVERAGE NET EFFECTS AND RANGE OF SITE MEANS BY MODEL IN THREE OUTCOME DOMAINS IN COHORT III–K



[a] See first page of Figure 3–2 (a) for definition of Average Net Effect.

[b] No. of Sites is the number of sites which have at least 50% trustworthy effects in Basic Skills.

Figure 3–2 (b) (continued)



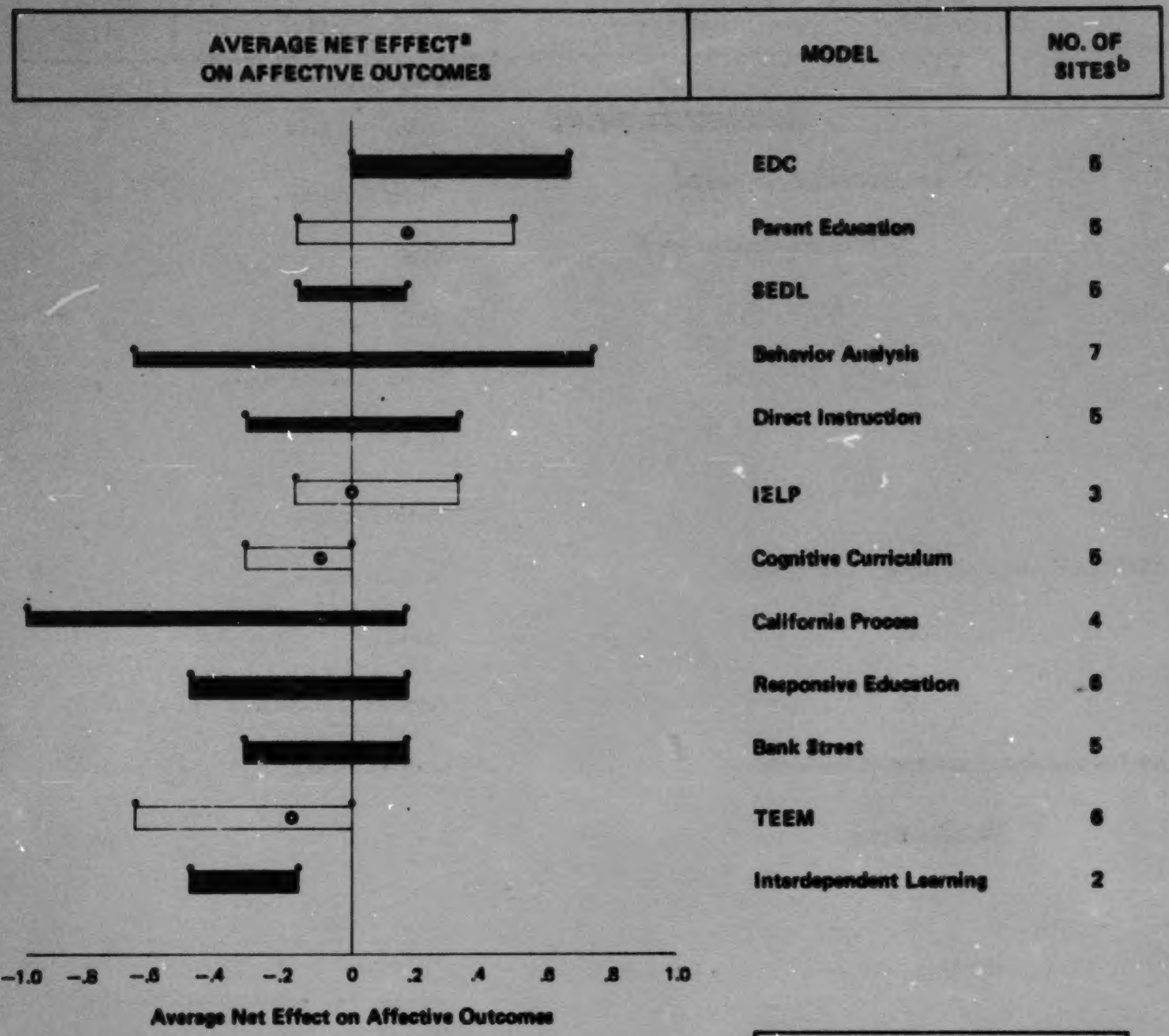
KEY

- ⊙ Average Net Effect for the Model
- ● Average Net Effect for Highest and Lowest Site
- ▤ Basic Skills Model
- ☐ Cognitive Conceptual Skills Model
- ■ Affective/Cognitive Model

[a] See first page of Figure 3–2 (a) for definition of Average Net Effect

[b] No. of Sites is the number of sites which have at least 50% trustworthy effects in Cognitive Conceptual Skills.

Figure 3–2 (b) (continued)



KEY

- ◉ Average Net Effect for the Model
- ● Average Net Effect for Highest and Lowest Site
- ▬ Basic Skills Model
- ☐ Cognitive Conceptual Skills Model
- ■ Affective/Cognitive Model

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[a] See first page of Figure 3–2 (a) for definition of Average Net Effect.

[b] No. of Sites is the number of sites which have at least 50% trustworthy effects in Affective Outcomes.

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cross-cohort summaries Direct Instruction is the most effective model in the Basic Skills and Affective Outcomes domains, while Direct Instruction and Mathemagenic Activities interchange first and second ranks in the Cognitive Conceptual Skills domain. In both cross-cohort summaries the basic skills models occupy four of the top six rank positions in the Basic Skills domain. Table 3-1 presents the rank order of models according to the same three sets of results. Table 3-2 shows that the model ranks based on the two cross-cohort sets of results are quite similar, having rank-order correlations of .96 for Basic Skills, .94 for Cognitive Conceptual Skills, and .83 for Affective Outcomes.

On the other hand, a comparison of the results based on Cohort III-K alone with either cross-cohort summary yields larger discrepancies. The correlations of the Cohort III-K model rankings with either set of cross-cohort rankings are lower in all outcome domains than are the correlations between the two cross-cohort rankings (see Table 3-2). Therefore, the two cross-cohort summaries resemble each other more than either resembles the results based on Cohort III-K. The same conclusion can be drawn by examining Table 3-3 which presents three sets of model average net effects for the models included in Table 3-1. A measure of difference between each pair of columns for each outcome domain is presented at the bottom of the table--the sum of the absolute values of the differences between each two columns. The larger the sum--the more discrepant the results. For both Basic Skills and Cognitive Conceptual Skills, the two cross-cohort sets of results are more similar (have lower values of this statistic) to each other than to the Cohort III-K results. This also holds for Affective Outcomes, although the pattern is not as strong.

A third approach to answering the same question is provided by Table 3-4, which presents an index of the instability of rank differences between model rankings based on the three sets of effects (the index is the mean absolute rank difference per model). This table shows, as did Tables 3-2 and 3-3, that results based on Cohort III-K alone differ more from the two cross-cohort sets of effects than the latter differ from each other.

Table 3-1

RANKS OF MEAN SCORES IN THREE OUTCOME DOMAINS FOR ELEVEN MODELS, FOR VOLUME IV-A, THE SUPPLEMENTARY ANALYSES, AND COHORT III-K ONLY

DOMAIN OF PRIMARY EMPHASIS	MODEL	OUTCOME DOMAIN									NUMBER OF GROUPS		
		BASIC SKILLS			COGNITIVE CONCEPTUAL SKILLS			AFFECTIVE OUTCOMES					
		Cohort			Cohort			Cohort			Cohort		
		All_1*	All_2**	III-K	All_1	All_2	III-K	All_1	All_2	III-K	All_1	All_2	III-K
BASIC SKILLS	Direct Instruction	1	1	1	1	1	2.5	1	1	5.5	16	16	5
	Behavior Analysis	3	4	2	10	11	7.5	2	4	4	13	12	7
	SEDL	4	5	3	2	3.5	2.5	3	5	3	8	8	5
	California Process	5	3	6	8	7	10	5	6.5	7.5	8	8	4
	Group Total	3.3	3.3	3.0	5.2	5.6	5.6	2.8	4.1	5.0	45	44	21
COGNITIVE CONCEPTUAL SKILLS	TEEM	8	7	9	7	8	7.5	11	11	11	15	15	6
	Cognitive Curriculum	9	8.5	8	11	9.5	9	8	6.5	7.5	9	9	5
	Parent Education	2	2	4	4	2	6	4	2	2	12	12	5
	IELP	11	11	11	6	5.5	5	6	3	5.5	3	3	3
	Group Total	7.5	7.1	8.0	7.0	6.2	6.9	7.2	5.6	6.5	39	39	19
AFFECTIVE/ COGNITIVE	Responsive Education	6	6	5	3	3.5	1	7	10	9.5	16	16	6
	Bank Street	7	8.5	10	5	5.5	11	9	8.5	9.5	12	12	5
	EDC	10	10	7	9	9.5	4	10	8.5	1	10	10	5
	Group Total	7.7	8.2	7.3	5.7	6.2	5.3	8.7	9.0	6.7	38	38	16
Spearman's ρ			.83			.51			.59				

* All_1: Cross cohort, controlling for preschool differences in Cohort III-K only as aggregated in Volume IV-A.

** All_2: Cross cohort, controlling for preschool differences in all streams as aggregated in the Supplementary Analyses.

Table 3-2

CORRELATION COEFFICIENTS (SPEARMAN'S ρ) AMONG MODEL RANKINGS BASED ON VOLUME IV-A RESULTS, SUPPLEMENTARY ANALYSES RESULTS, AND COHORT III-K ALONE FOR EACH OF THREE DOMAINS

BASIC SKILLS DOMAIN

Set of Results	All$_1$*	All$_2$**	III-K
All$_1$	1.00	.96	.87
All$_2$	.96	1.00	.83
III-K	.87	.83	1.00

COGNITIVE CONCEPTUAL SKILLS DOMAIN

Set of Results	All$_1$	All$_2$	III-K
All$_1$	1.00	.94	.60
All$_2$	.94	1.00	.51
III-K	.60	.51	1.00

AFFECTIVE OUTCOMES DOMAIN

Set of Results	All$_1$	All$_2$	III-K
All$_1$	1.00	.83	.44
All$_2$	.83	1.00	.59
III-K	.44	.59	1.00

---

* All$_1$: Cross cohort, controlling for preschool differences in Cohort III-K only as aggregated in Volume IV-A.

** All$_2$: Cross cohort, controlling for preschool differences in all streams as aggregated in the Supplementary Analyses.

Table 3-3

AVERAGE NET EFFECTS BY MODEL AND OUTCOME DOMAIN FOR VOLUME IV-A, THE SUPPLEMENTARY ANALYSES, AND COHORT III-K ALONE

MODEL	OUTCOME DOMAIN								
	Basic Skills			Cognitive Conceptual Skills			Affective Outcomes		
	All_1*	All_2**	Cohort III-K	All_1	All_2	Cohort III-K	All_1	All_2	Cohort III-K
Responsive Education	-.10	-.16	-.05	.00	-.08	.22	-.05	-.14	-.17
TEEM	-.22	-.24	-.36	-.14	-.17	-.21	-.20	-.33	-.19
Bank Street	-.22	-.26	-.38	-.10	-.13	-.31	-.13	-.10	-.17
Direct Instruction	.30	.26	.24	.17	.18	.10	.21	.10	.00
Behavior Analysis	.01	-.12	.10	-.22	-.34	-.21	.10	-.01	.02
Cognitive Curriculum	-.25	-.26	-.27	-.24	-.25	-.22	-.05	-.09	-.10
Parent Education	.03	.01	-.03	-.04	-.02	-.14	.09	.07	.17
EDC	-.27	-.28	-.13	-.20	-.25	.00	-.16	-.10	.19
IELP	-.50	-.50	-.50	-.13	-.13	-.13	.00	.00	.00
SEDL	-.02	-.14	.08	.07	-.08	.10	.10	-.02	.03
California Process	-.08	-.08	-.09	-.16	-.14	-.28	.03	-.09	-.10
Sum of Absolute Value of Differences	.45		1.02	.52		1.45	.83		.83
		.83			1.05			1.14	

* All_1: Cross cohort, controlling for preschool differences in Cohort III-K only as aggregated in Volume IV-A.

** All_2: Cross cohort, controlling for preschool differences in all streams as aggregated in the Supplementary Analyses.

Table 3-4

INSTABILITY OF MODEL RANKING BY MODEL TYPE AND OUTCOME DOMAIN

MODEL TYPE	OUTCOME DOMAIN			
	Basic Skills	Cognitive Conceptual Skills	Affective Outcomes	All Outcomes
BASIC SKILLS	1.75[a] .75[b] 1.00[c]	3.00 1.50 .88	1.88 2.00 1.38	1.96 1.42 1.08
COGNITIVE CONCEPTUAL SKILLS	1.12 1.00 .38	1.38 1.25 1.25	.88 .50 1.62	1.12 .92 1.08
AFFECTIVE/ COGNITIVE	1.83 2.33 .50	4.50 4.33 .50	3.00 4.00 1.67	3.11 3.56 .89
ALL MODELS	1.55 1.27 .64	2.55 2.18 .91	1.82 2.00 1.55	1.97 1.82 1.03

[a] The top number in each cell gives the instability of model rankings between Cohort III-K and the Supplementary Analyses.

[b] The second number in each cell gives the instability between the Cohort III-K and the Volume IV-A analyses rankings.

[c] The bottom number in each cell gives the instability between the Volume IV-A and Supplementary Analyses rankings.

Analyses of rank differences and differences in average net effects both suggest that the Cohort III-K results are somewhat different from either cross-cohort set. In order to understand how this happens we must first look at the ways in which the cross-cohort results may differ from Volume IV-A to the Supplementary Analyses. In Volume IV-A, only the analysis of Cohort III-K included preschool information. In the Supplementary Analyses preschool differences are controlled in all cohort streams. The incorporation of preschool information entailed changes in three areas which could affect the results. First, the sample of children having preschool information is a subset of the sample used for the Volume IV-A analyses. Eighty-eight percent of the Cohort III-K children had preschool information compared with 78 percent for Cohort II-K, 97 percent for Cohort III-EF, and 67 percent for Cohort II-EF. It is therefore possible that changes in the sample of children entering into the analysis altered the results. Second, the incorporation of preschool information in the analysis removed the necessity of masking effects on the basis of preschool mismatch (see Volume IV-A, pp. 119-121). Roughly 25 percent of the effects in the non-preschool analyses (across both the local and pooled analyses) were masked due to preschool mismatch. The "unmasking" of this large number of effects in the preschool adjusted analyses provides the possibility for changes in model averages. Finally, the use of preschool information as additional adjusting variables in the Supplementary Analyses (two additional covariates indicating membership in the three preschool groups and two preschool by pretest interaction terms in the Preschool Adjusted Local Analysis; use of preschool membership as a blocking variable in the Preschool Adjusted Pooled Analysis) could have produced different effects. Thus the results in these Supplementary Analyses could differ from the results presented in Volume IV-A for any of three reasons: (1) reduction in sample; (2) change in criteria for masking; and (3) addition of preschool adjusting variables. Table 3-5 summarizes our findings.

A variety of information is available in this table.* First, the changes for Affective Outcomes are somewhat smaller than changes in the other outcome domains. This is consistent with other findings throughout

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* Only the kindergarten streams are presented. The entering-first streams have such a small number of effects that their averages are very susceptible to change and should be examined only in combination with the entering-kindergarten streams.

Table 3-5

AVERAGE NET EFFECTS AND DIFFERENCES BETWEEN AVERAGE NET EFFECTS BY OUTCOME DOMAIN FOR COHORT III-K AND COHORT II-K FOR SELECTED ANALYSES

OUTCOME DOMAIN	COHORT STREAM	AVERAGE NET EFFECTS FOR SELECTED ANALYSES			
		Local Analysis (LA) with LA Masking	Local Analysis on Preschool Sample with LA Masking	Local Analysis on Preschool Sample with PALA Masking	Preschool Adjusted Local Analysis (PALA) with PALA Masking
BASIC SKILLS	III-K	-.11	-.07	-.10	-.08
	II-K	-.18	-.24	-.19	-.21
COGNITIVE CONCEPTUAL SKILLS	III-K	-.09	-.08	-.07	-.05
	II-K	-.18	-.31	-.23	-.21
AFFECTIVE OUTCOMES	III-K	-.03	-.06	-.04	-.01
	II-K	-.04	-.09	-.09	-.07

		DIFFERENCE BETWEEN ANALYSES DUE TO		
		Sample Change	Masking Change	Analysis Change
BASIC SKILLS	III-K	.04	-.03	.02
	II-K	-.06	.05	.02
COGNITIVE CONCEPTUAL SKILLS	III-K	.01	.01	.02
	II-K	-.13	.08	.02
AFFECTIVE OUTCOMES	III-K	-.03	.02	.03
	II-K	-.05	.00	.02

the study showing that it is difficult to have an impact in the affective area. Second, in both cohort streams across all outcome domains the changes in average net effects due to the inclusion of preschool information in the analysis (analysis change) are small but consistently positive, suggesting that the inclusion of preschool information does work to the advantage of Follow Through. Third, changes in average net effects due to the differences in samples and masking are different for the two cohort streams. The sample change is responsible for a relatively large and negative shift in effectiveness for Cohort II-K in both the Basic Skills and Cognitive Conceptual Skills domains, but a relatively small and positive shift occurs for Cohort III-K. This suggests that the composition of the Cohort III-K sample was not altered by eliminating those students with missing preschool information. The same cannot be said of the Cohort II-K sample. The children retained after reducing the sample to those children with valid preschool information appear to differ from those who were dropped from the analysis.

Similarly, the change in masking accounts for a relatively large positive shift for Cohort II-K in Basic Skills and Cognitive Conceptual Skills, but is responsible for relatively small shifts in the average net effects for Cohort III-K in the same outcome domains. This suggests that more positive than negative effects were masked due to preschool mismatch in Cohort II-K, while about the same number of each type of effect were masked in Cohort III-K.

We therefore conclude that the reduction in sample and the removal of masking has appreciably altered the average net effects calculated for Cohort II-K, but not for Cohort III-K. This, coupled with the knowledge that the models in Cohort III-K were better implemented than in Cohort II-K, and the knowledge that the Cohort III-K preschool information is more complete than that for Cohort II-K suggests that we base evaluative conclusions on Cohort III-K results rather than Cohort II-K. Returning to the original argument between the use of Cohort III-K, Volume IV-A cross-cohort or the Supplementary Analyses cross-cohort results, it is our judgment that on the basis of the evidence presented here the effects based on Cohort III-K alone are likely to be a fairer appraisal of each model's performance than either cross-cohort summary. It should be noted that this is a judgment and not a hard-and-fast decision. Since others may wish to use either of the cross-cohort summaries we have included all three sets of results in the tables and figures presented earlier in this chapter.

We now turn to an examination of the other findings presented in Volume IV-A, and discuss the effects of controlling for preschool differences in Cohorts II-K, III-EF, and II-EF on those findings. For the data displayed in the rest of the chapter we have presented the results of the Cohort III-K and the Supplementary Analyses cross-cohort analyses together when possible. The interested reader is referred to Volume IV-A for the other cross-cohort summaries.

Site Variability vs. Model Variability

In Volume IV-A we presented average net effects for each model and for each site within each model by outcome domain across all cohort streams (preschool differences were controlled only for Cohort III-K). (The data are also displayed in Figure 3-2 of this report.) The major findings from these data are that:

- The effectiveness of each Follow Through model varied substantially from site to site; overall model averages varied little in comparison.
- Almost every model had at least one site group with average positive effects in each domain. Therefore, all models have shown that they can "succeed" under certain conditions.
- Almost every model had at least one site group with average negative effects in each domain. Therefore, no models "succeed" under all conditions.
- Small differences among model average net effects should not be overinterpreted.

In the Supplementary Analyses we recomputed model and site average net effects by outcome domain across all cohort streams (preschool differences were controlled in all cases) and for Cohort III-K alone (preschool differences were controlled). The results are presented in Figure 3-2 and confirm the findings stated above.

The Effectiveness of Models

Ranks of models across all cohort streams and for Cohort III-K alone (preschool differences were controlled only for Cohort III-K) were presented in Volume IV-A and are shown in Table 3-1.* The major findings from these data are that:

- Direct Instruction and SEDL are consistently in the top half (five ranks) of the rankings in all domains, both overall and in Cohort III-K. TEEM and Cognitive Curriculum consistently fall in the bottom half.
- Behavior Analysis and Parent Education are always in the top half in Basic Skills and Affective Outcomes, and Responsive Education in Cognitive Conceptual Skills.
- California Process, Bank Street, and IELP vary near and below the middle of the rankings.
- EDC ranges from the top to near the bottom of the rankings, depending mainly on the cohort.

In the Supplementary Analyses we have added a new set of ranks to this table which are based on effects across all cohort streams when preschool differences are controlled. These ranks are quite similar to the cross-cohort ranks presented in Volume IV-A and do not lead to any changes in conclusions.

Model Average Net Effects by Community Size

In Volume IV-A we presented average net effects by community size for Cohort III-K (preschool differences were controlled). The major finding associated with these data is that:

- There is a fairly strong tendency for the middle-sized communities (identified as Other Big Cities and Medium and Small Cities in figures) to have better Follow Through performance than that of either the very large or very small ones.

As part of the Supplementary Analyses we have computed average net effects by community size across all cohort streams (preschool differences were controlled in all cases). Figure 3-3* presents these data which yield the same conclusion as stated above. Table 3-6 presents the number of sites for each mean plotted in Figure 3-3.

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* The model ranks in Table 3-1 are based on the model averages in Figure 3-2. Mathemagenic Activities and Interdependent Learning are omitted from the table as they have fewer than three sites in Cohort III-K.

Comparison of Model Ranks Based on All Estimates and the More Appropriate Estimate

In Volume IV-A we presented model ranks based on effects from both the Local and Pooled analyses of all cohort streams (preschool differences were controlled only for Cohort III-K) and model ranks based on effects only from the more appropriate analysis (either the Local or the Pooled) of all cohort streams. The major finding associated with these data is that:

- Model rankings based on effects calculated from the more appropriate analysis differ little from the rankings based on effects from both analyses. (The correlations among the two sets of ranks are .98 for Basic Skills, .84 for Cognitive Conceptual Skills and .91 for Affective Outcomes.)

In the Supplementary Analyses we constructed a similar table based on all cohort streams (preschool differences were controlled) in all cases. Table 3-7** presents the results and yields the same conclusions as given in Volume IV-A.

Average Net Effects by Model Type

In Volume IV-A we computed average net effects by model type across all cohort streams (preschool differences were controlled only for Cohort III-K) in an effort to determine whether differences existed among types of models as well as among the individual models themselves. The major findings

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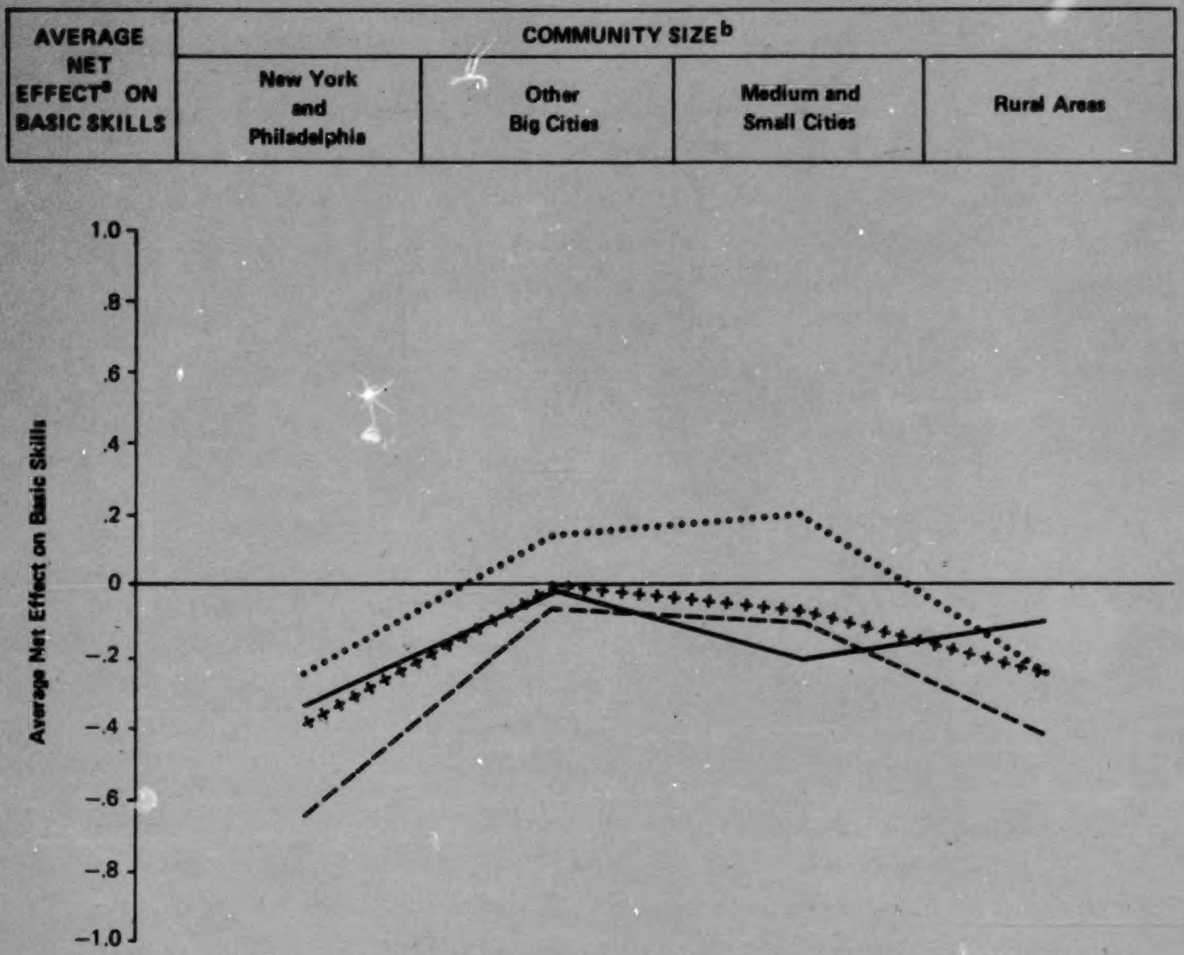
* All trusted effects for all sites of a given community size across all models of a given type in all cohort streams entered into the computation of a given community size mean.

** Model average net effects were computed and ranked. The "more appropriate" averages were based on all trusted "more appropriate" effects for a model across all cohort streams. The "all estimates" averages were based on all trusted effects (both local and pooled) for a model across all cohort streams.

Figure 3–3

AVERAGE NET EFFECTS BY COMMUNITY SIZE BY MODEL TYPE IN THREE OUTCOME DOMAINS ACROSS ALL COHORT STREAMS (ALL COHORT STREAMS ARE PRESCHOOL ADJUSTED)



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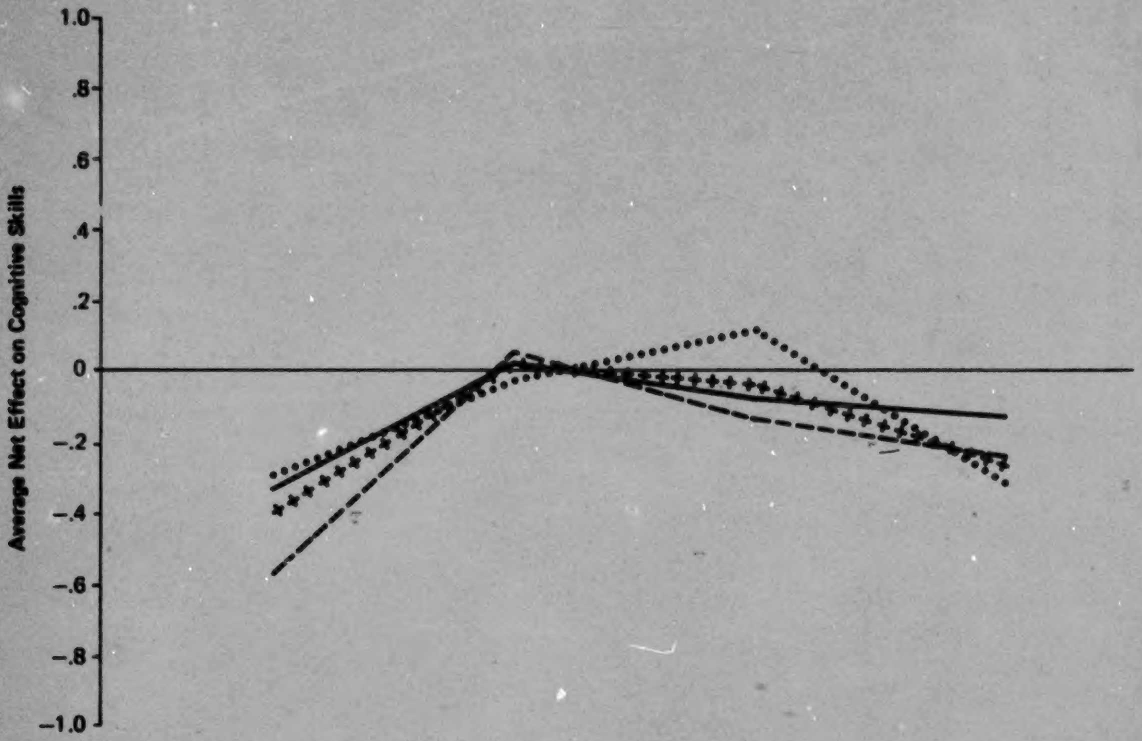
[a] See first page of Figure 3–2(a) for definition of Average Net Effect.

[b] All trusted effects for all sites of a given community size across all models of a given type in all cohort streams entered into the computation of a given community size mean.

Figure 3–3 (continued)

AVERAGE NET EFFECT[a] ON COGNITIVE CONCEPTUAL SKILLS	COMMUNITY SIZE[b]			
	New York and Philadelphia	Other Big Cities	Medium and Small Cities	Rural Areas



KEY	
••••••	Basic Skills Model
— — —	Cognitive Conceptual Skills Model
———	Affective/Cognitive Model
++++	All Models

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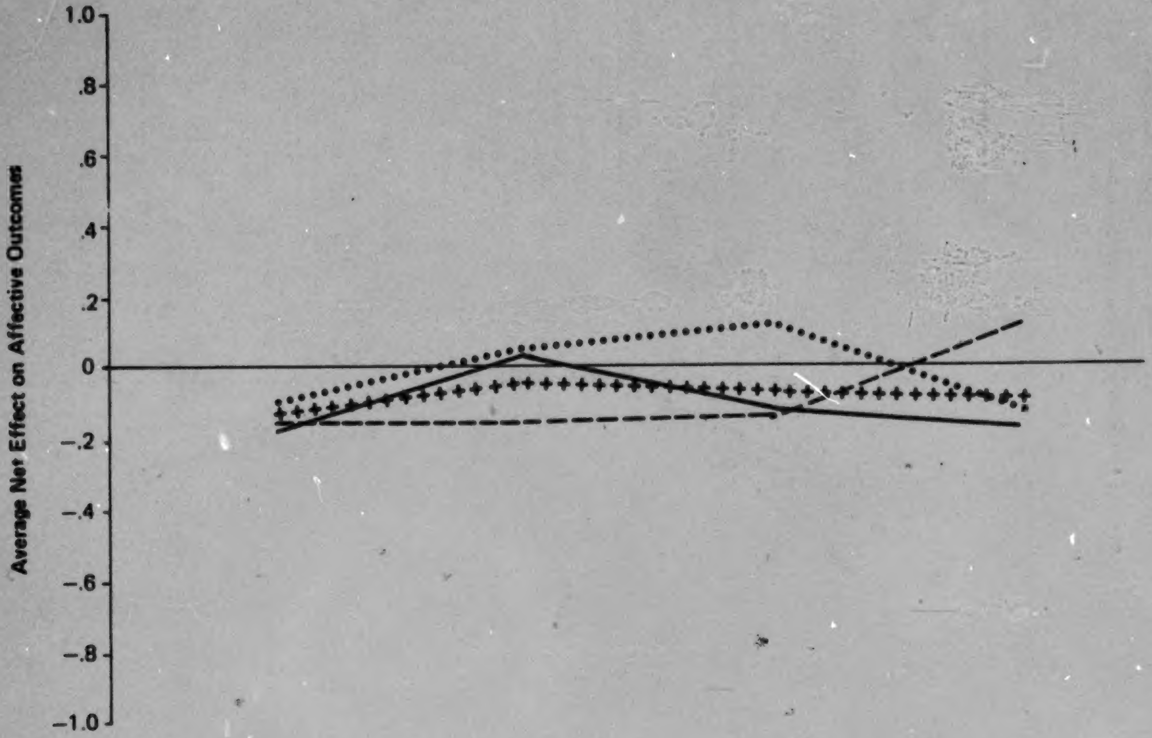
[a] See first page of Figure 3–2 (a) for definition of Average Net Effect.

[b] All trusted effects for all sites of a given communtiy size across all models of a given type in all cohort streams entered into the computation of a given community size mean.

Figure 3–3 (continued)

AVERAGE NET EFFECT[a] ON AFFECTIVE OUTCOMES	COMMUNITY SIZE[b]			
	New York and Philadelphia	Other Big Cities	Medium and Small Cities	Rural Areas



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[a] See first page of Figure 3–2 (a) for definition of Average Net Effect.

[b] All trusted effects for all sites of a given community size across all models of a given type in all cohort streams entered into the computation of a given community size mean.

Table 3-6

NUMBER OF GROUPS FOR EACH MODEL BY COMMUNITY SIZE ACROSS ALL COHORT STREAMS (SUPPLEMENTARY ANALYSES) AND FOR COHORT III-K ONLY (ALL COHORT STREAMS ARE PRESCHOOL ADJUSTED)

DOMAIN OF PRIMARY EMPHASIS	MODEL	COMMUNITY SIZE											
		New York and Philadelphia		Other Big Cities		Medium Cities		Small Cities		Rural Areas		All Sites	
		Cohort		Cohort		Cohort		Cohort		Cohort		Cohort	
		All	III K	All	III K	All	III K	All	III K	All	III K	All	III K
BASIC SKILLS	Direct Instruction	2	1	3		6	3	4		1	1	16	5
	Behavior Analysis	4	2	4	2	2	2			2	1	12	7
	SEDL	2	1	1	1			2	1	3	2	8	5
	California Process			5	3			2	1	1		8	4
	Group Total	8	4	13	6	8	5	8	2	7	4	44	21
COGNITIVE CONCEPTUAL SKILLS	TEEM			6	3	5	1	3	2	1		15	6
	Cognitive Curriculum	2	1	3	2			4	2			9	5
	Parent Education	2	1	6	2	1		2	1	1	1	12	5
	IELP			1	1			1	1	1	1	3	3
	Interdependent Learning	2	1	1	1							3	2
	Group Total	6	3	17	9	6	1	10	6	3	2	42	21
AFFECTIVE/ COGNITIVE	Responsive Education			3	2	10	4	2		1		16	6
	Bank Street	4	2	1		4	2	3	1			12	5
	Mathemagenic Activities							2		1		3	
	EDC	2	1	2	1	4	2	1	1	1		10	5
	Group Total	6	3	6	3	18	8	8	2	3		41	16
ALL MODELS		20	10	36	18	32	14	26	10	13	6	127	58

Table 3-7

RANKS OF MEAN SCORES ACROSS ALL COHORT STREAMS BY OUTCOME DOMAIN AND MODEL: ALL ESTIMATES AND THE "MORE APPROPRIATE" ESTIMATE FOR EACH MODEL (ALL COHORT STREAMS ARE PRESCHOOL ADJUSTED)

DOMAIN OF PRIMARY EMPHASIS	MODEL	OUTCOME DOMAIN					
		BASIC SKILLS		COGNITIVE CONCEPTUAL SKILLS		AFFECTIVE OUTCOMES	
		All Estimates	"More Appropriate" Estimate	All Estimates	"More Appropriate" Estimate	All Estimates	"More Appropriate" Estimate
BASIC SKILLS	Direct Instruction	1	1	1	1	1	1
	Behavior Analysis	4	5	11	11	4	7
	SEDL	5	4	3.5	2	5	6
	California Process	3	3	7	3	6.5	4
	Group Total[a]	3.3	3.3	5.6	4.2	4.1	4.5
COGNITIVE CONCEPTUAL SKILLS	TEEM	7	6	8	8	11	11
	Cognitive Curriculum	8.5	7	9.5	10	6.5	4
	Parent Education	2	2	2	6	2	2
	IELP	11	11	5.5	5	3	4
	Group Total	7.1	6.5	6.2	7.2	5.6	5.2
AFFECTIVE/ COGNITIVE	Responsive Education	6	8	3.5	4	10	10
	Bank Street	8.5	9.5	5.5	7	8.5	8
	EDC	10	9.5	9.5	9	8.5	9
	Group Total	8.2	9.0	6.2	6.7	9.0	9.0
Spearman's ρ		.95		.83		.89	

[a] Mean of ranks by domain of primary emphasis.

associated with these data are:

- Basic Skills models ranked substantially higher than either of the other model types with respect to their effects in the Basic Skills and Affective Outcomes domains.
- The Basic Skills models had positive average net effects in the same two outcome domains while the other model types had negative average net effects.
- The differences among model types were relatively small with respect to Cognitive Conceptual Skills.

In the Supplementary Analyses we have computed average net effects at the model type level across all cohort streams (preschool differences were controlled in all cases) and within Cohort III-K. Figure 3-4* and Figure 3-4(a) present these data. The findings across all cohort streams presented in Figure 3-4 are similar to the findings stated earlier. The findings for Cohort III-K are also similar with one exception: The Cognitive Conceptual models do not perform as well in the Cognitive Conceptual Skills domain.

Average Net Effects In New York and Philadelphia

In Volume IV-A we compared the average net effects of models in their New York and Philadelphia sites with model average net effects across all of their sites. Only Cohort III-K (preschool differences were controlled) and Cohort II-K (preschool differences were not controlled) sites entered into this study since no models have New York or Philadelphia sites in the entering-first streams. The major findings associated with these data are that:

- The average net effects in New York and Philadelphia are similar to overall model averages; that is, for example, the models which had higher overall averages also tended to have higher averages in New York and Philadelphia.
- Most models were less effective in New York and Philadelphia than in other sites.

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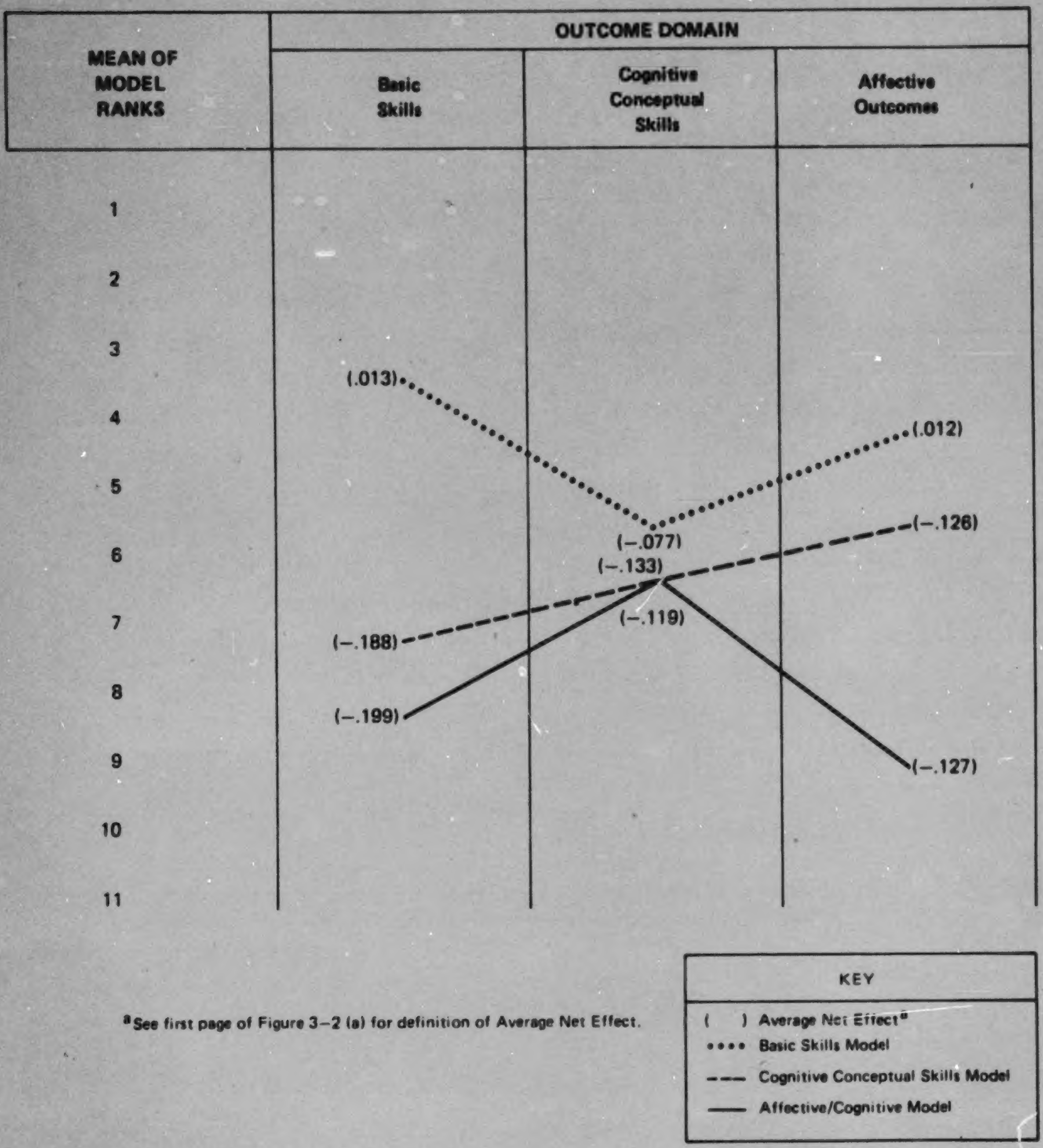
* The model type average net effects were computed using the same data used to calculate the model average net effects in Figure 3-2.

Figure 3–4

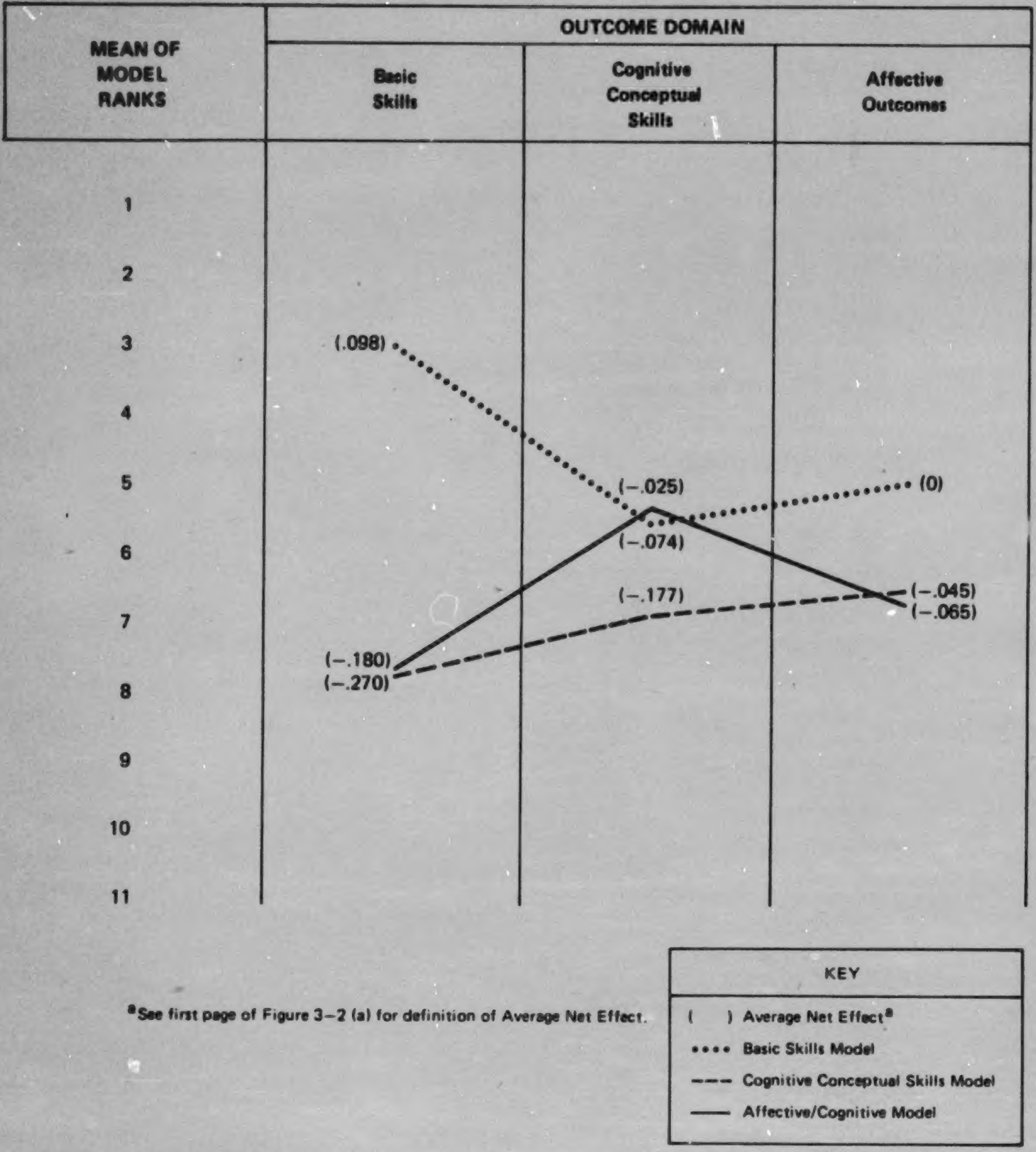
AVERAGE NET EFFECTS AND CORRESPONDING PROFILES OF MEAN RANKS BY MODEL TYPE IN THREE OUTCOME DOMAINS ACROSS ALL COHORT STREAMS (ALL COHORT STREAMS ARE PRESCHOOL ADJUSTED)



[a] See first page of Figure 3–2 (a) for definition of Average Net Effect.

Figure 3–4(a)

AVERAGE NET EFFECTS AND CORRESPONDING PROFILES OF MEAN RANKS BY MODEL TYPE IN THREE OUTCOME DOMAINS IN COHORT III–K



[a] See first page of Figure 3–2 (a) for definition of Average Net Effect.

As part of the Supplementary Analyses we have computed average net effects of models in their New York and Philadelphia sites and average net effects across all Cohort III-K and Cohort II-K sites (preschool differences were controlled in all cases). Figure 3-5* presents these data which lead to the same conclusions as presented above.

Model Average Net Effects in Low Income and High Income Sites

In Volume IV-A we compared the average net effects for each model in its low income sites with average net effects in its high income sites. Sites from all cohort streams were used (preschool differences were controlled only for Cohort III-K). The major findings from these data are that:

- Several models have higher average net effects in their low income sites than in their high income sites for all outcome domains (Direct Instruction, Parent Education, Behavior Analysis and Bank Street).
- Several other models have higher average net effects in their low income sites in one or two outcome domains.

As part of the Supplementary Analyses we recomputed average net effects for each model in its low income and high income sites (preschool differences were controlled for all cohort streams). Figure 3-6** presents these data which yield similar conclusions to the ones stated above. The only difference is that Bank Street no longer performs better in its low income sites in all three domains.

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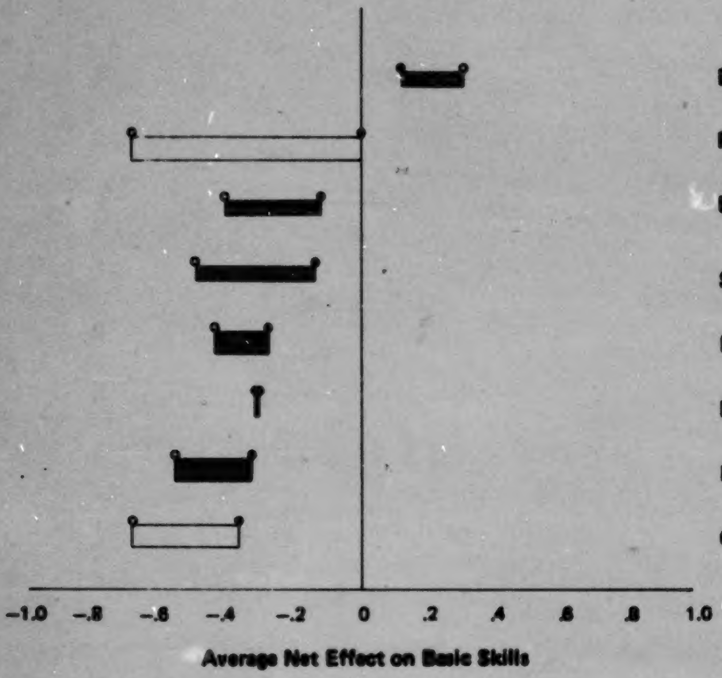
* Model average net effects were calculated using all trusted effects in Cohorts II-K and III-K (no entering-first sites were in large cities). New York and Philadelphia average net effects were calculated using all trusted effects in those two sites for a given model across Cohorts II-K and III-K.

** The model average net effects are the same as presented in Figure 3-2. Average net effects for high (or low) income sites were based on the trusted effects for all high (or low) income sites having at least half trusted effects. Sites across all cohort streams were used.

Figure 3–5

NEW YORK AND PHILADELPHIA AVERAGE NET EFFECTS AND MODEL AVERAGE NET EFFECTS BY MODEL TYPE IN THREE OUTCOME DOMAINS IN COHORT II–K AND COHORT III–K (BOTH COHORT STREAMS ARE PRESCHOOL ADJUSTED)

AVERAGE NET EFFECT[a] ON BASIC SKILLS



MODEL	NO. OF SITES[b] ○ N.Y. and/or Phila.	 ● Model
Direct Instruction	2	10
Parent Education	2	9
Behavior Analysis	4	12
SEDL	2	8
EDC	2	8
Bank Street	4	11
Interdependent Learning	2	3
Cognitive Curriculum	2	8

KEY

● Average Net Effect for Model
○ Average Net Effect for New York and/or Philadelphia
▨ Basic Skills Model
☐ Cognitive Conceptual Skills Model
■ Affective/Cognitive Model

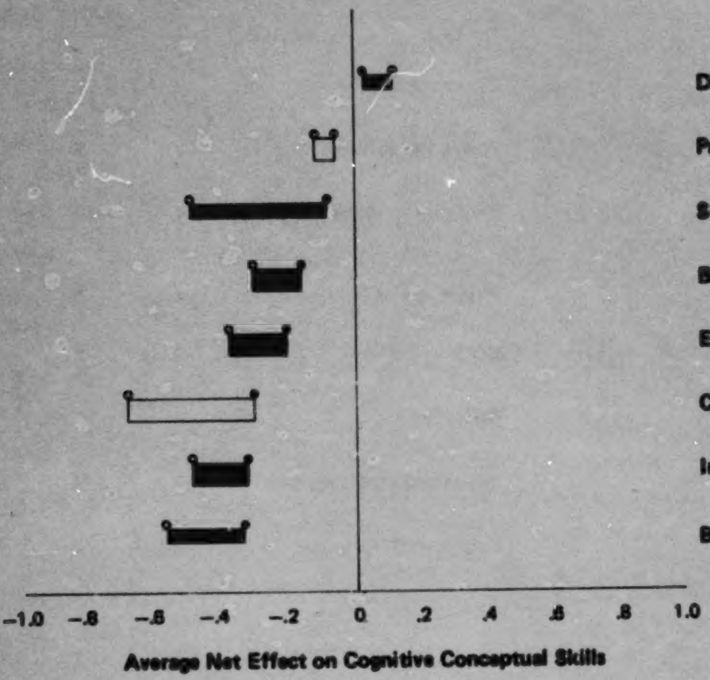
---

[a] See first page of Figure 3–2 (a) for definition of Average Net Effect.

[b] Model average net effects were calculated using all trusted effects in Cohorts II–K and III–K. New York and Philadelphia average net effects were calculated using all trusted effects in those two sites for a given model in Cohorts II–K and III–K.

Figure 3–5 (continued)

AVERAGE NET EFFECT[a] ON COGNITIVE CONCEPTUAL SKILLS	MODEL	NO. OF SITES[b] ○ N.Y. and/or Phila.	 ● Model
	Direct Instruction	2	10
	Parent Education	2	9
	SEDL	2	8
	Bank Street	4	11
	EDC	2	8
	Cognitive Curriculum	2	8
	Interdependent Learning	2	3
	Behavior Analysis	4	12



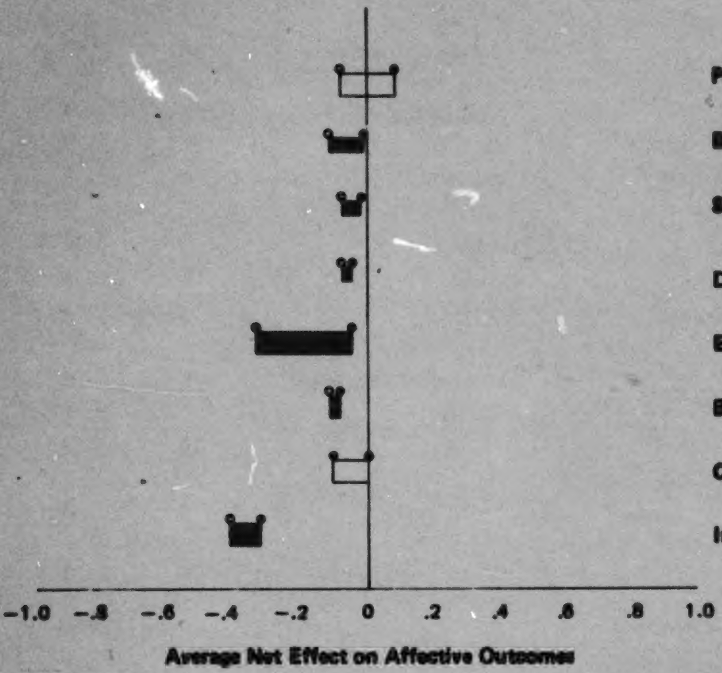
KEY	
●	Average Net Effect for Model
○	Average Net Effect for New York and/or Philadelphia
■	Basic Skills Model
☐	Cognitive Conceptual Skills Model
▨	Affective/Cognitive Model

---

[a] See first page of Figure 3–2 (a) for definition of Average Net Effect.

[b] Model average net effects were calculated using all trusted effects in Cohorts II–K and III–K. New York and Philadelphia average net effects were calculated using all trusted effects in those two sites for a given model in Cohorts II–K and III–K.

Figure 3–5 (continued)

AVERAGE NET EFFECT[a] ON AFFECTIVE OUTCOMES	MODEL	NO. OF SITES[b] ○ N.Y. and/or Phila.	NO. OF SITES[b] ● Model
			
	Parent Education	2	9
	Behavior Analysis	4	12
	SEDL	2	8
	Direct Instruction	2	10
	EDC	2	8
	Bank Street	4	11
	Cognitive Curriculum	2	8
	Interdependent Learning	2	3

KEY

● Average Net Effect for Model

○ Average Net Effect for New York and/or Philadelphia

▬ Basic Skills Model

☐ Cognitive Conceptual Skills Model

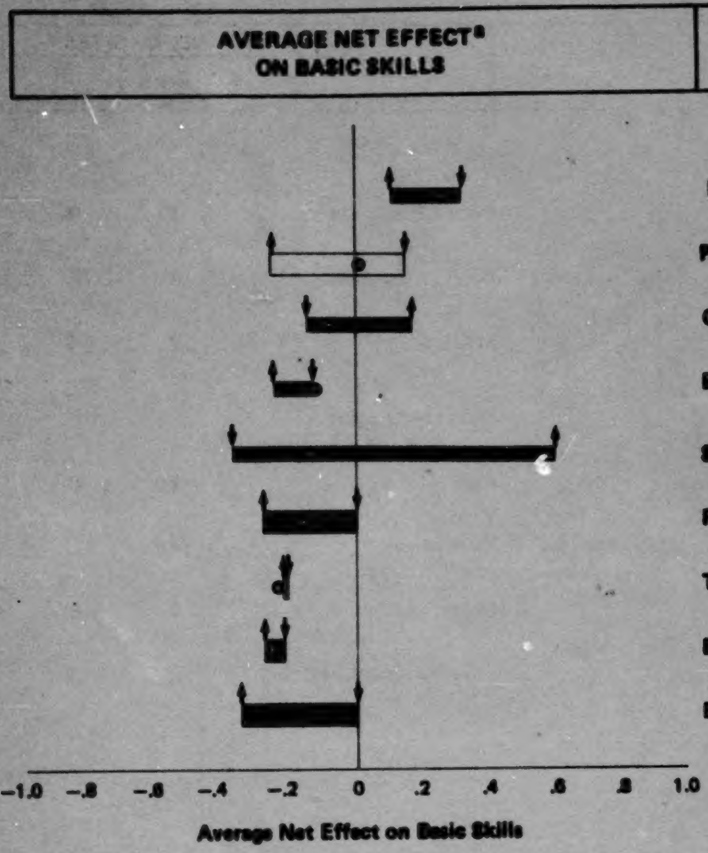
■ Affective/Cognitive Model

[a] See first page of Figure 3–2 (a) for definition of Average Net Effect.

[b] Model average net effects were calculated using all trusted effects in Cohorts II–K and III–K. New York and Philadelphia average net effects were calculated using all trusted effects in those two sites for a given model in Cohorts II–K and III–K.

Figure 3–6

AVERAGE NET EFFECTS IN THREE OUTCOME DOMAINS FOR MODELS AND THEIR LOW INCOME AND HIGH INCOME SITES ACROSS ALL COHORT STREAMS (ALL COHORT STREAMS ARE PRESCHOOL ADJUSTED)



MODEL	NO. OF SITES[b] ↑ High Income	↓ Low Income
Direct Instruction	4	10
Parent Education	4	7
California Process	2	5
Behavior Analysis	1	10
SEDL	2	6
Responsive Education	8	5
TEEM	10	3
Bank Street	9	3
EDC	6	3

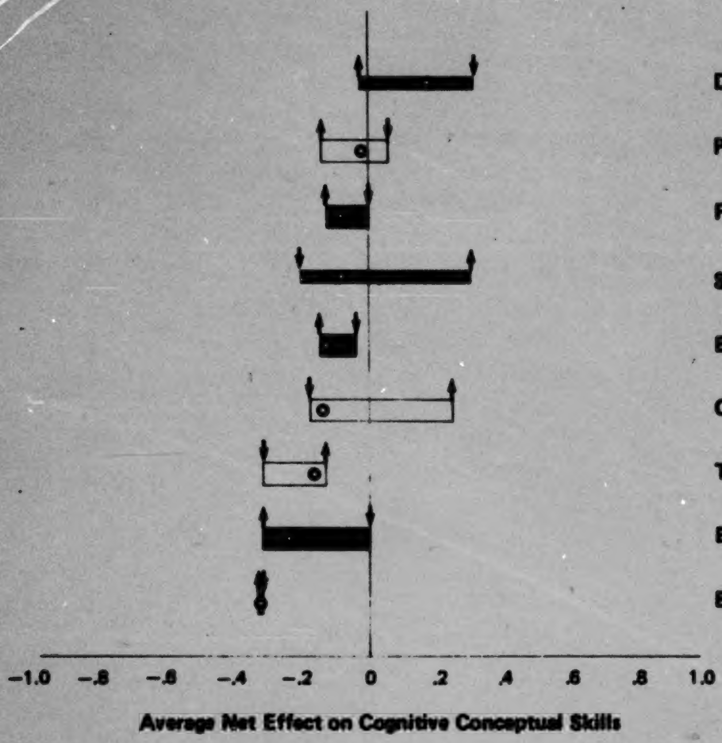
KEY

- ● Average Net Effect for Model
- ↑ Average Net Effect for High Income Sites
- ↓ Average Net Effect for Low Income Sites
- ▬ Basic Skills Model
- ☐ Cognitive Conceptual Skills Model
- ■ Affective/Cognitive Model

[a] See first page of Figure 3–2 (a) for definition of Average Net Effect.

[b] The model average net effects are the same as presented in Figure 3–2[a]. Average net effects for high (or low) income sites were based on the trusted effects for all high (or low) income sites having at least 50% trusted effects. Sites across all cohort streams were used.

Figure 3–6 (continued)



AVERAGE NET EFFECT[a] ON COGNITIVE CONCEPTUAL SKILLS	MODEL	NO. OF SITES[b] ↑ High Income	NO. OF SITES[b] ↓ Low Income
	Direct Instruction	4	9
	Parent Education	5	7
	Responsive Education	8	6
	SEDL	2	6
	Bank Street	9	3
	California Process	1	6
	TEEM	10	3
	EDC	6	3
	Behavior Analysis	2	10

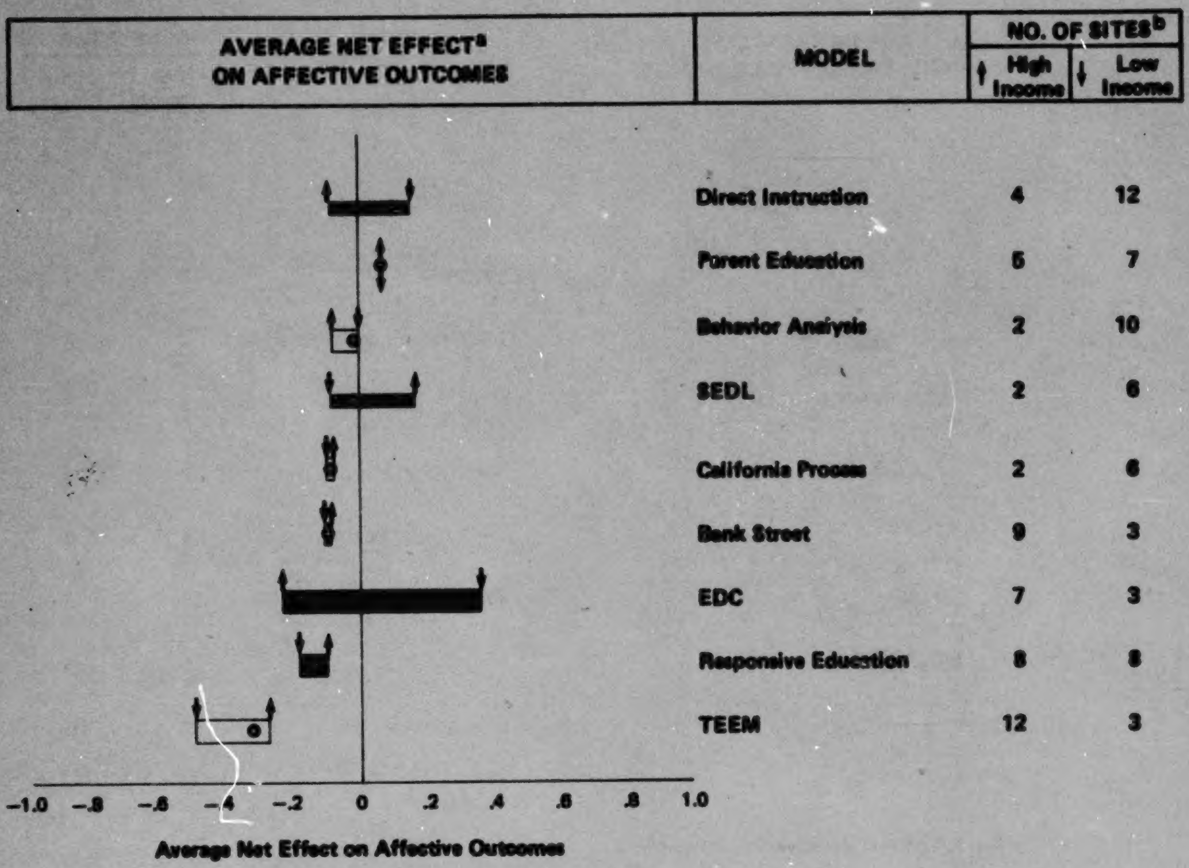
KEY	
●	Average Net Effect for Model
↑	Average Net Effect for High Income Sites
↓	Average Net Effect for Low Income Sites
■	Basic Skills Model
☐	Cognitive Conceptual Skills Model
▨	Affective/Cognitive Model

---

[a] See first page of Figure 3–2 (a) for definition of Average Net Effect.

[b] The model average net effects are the same as presented in Figure 3–2[a]. Average net effects for high (or low) income sites were based on the trusted effects for all high (or low) income sites having at least 50% trusted effects. Sites across all cohort streams were used.

Figure 3–6 (continued)



KEY

- ⦿ Average Net Effect for the Model
- ↑ Average Net Effect for High Income Sites
- ↓ Average Net Effect for Low Income Sites
- ▬ Basic Skills Model
- ☐ Cognitive Conceptual Skills Model
- ■ Affective/Cognitive Model

---

[a] See first page of Figure 3–2 (a) for definition of Average Net Effect.

[b] The model average net effects are the same as presented in Figure 3–2[a]. Average net effects for high (or low) income sites were based on the trusted effects for all high (or low) income sites having at least 50% trusted effects. Sites across all cohort streams were used.

Changes in Model Effectiveness Over Time

In Volume IV-A we compared the average net effects of models which implemented their programs in the same sites in Cohort III-K and Cohort II-K (preschool differences were not controlled in the analysis of either cohort stream) in order to determine whether models appeared to be increasingly effective over time. The major findings with these data are that:

- The strongest performers in each outcome domain in Cohort II-K showed little change in Cohort III-K.
- The weakest performers in the Basic Skills and Cognitive Conceptual Skills domains in Cohort II-K improved substantially in these areas in Cohort III-K.

In the Supplementary Analyses we recomputed model average net effects for sites which were in both Cohort III-K and Cohort II-K (preschool differences were controlled in all cases.) Figure 3-7* presents these data which yield the same conclusions as stated above with the following exceptions: the Direct Instruction Model, the top performer in both Basic Skills and Cognitive Conceptual Skills, improves substantially in Cohort III-K; Cognitive Curriculum shows less of an improvement than previously noted.

Conclusion

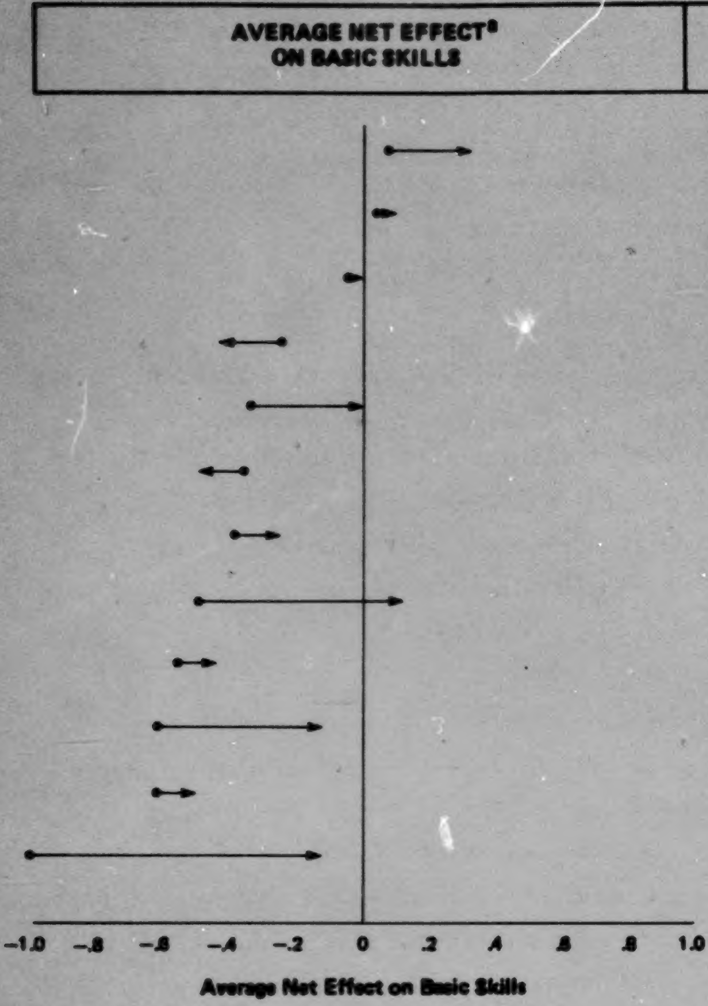
In summary, we draw two conclusions from the results of this study: the inclusion of prior preschool experience of FT and NFT children in the analysis of data from all cohort streams necessitates only minor changes in the findings presented in Volume IV-A; and, conclusions based on Cohort III-K results are likely to lead to a fairer appraisal of the performance of most models than conclusions based on an aggregate of results across various cohorts.

---

* Model average net effects were computed using all trusted effects in sites which appear both in Cohorts II-K and III-K.

Figure 3–7

AVERAGE NET EFFECTS IN THREE OUTCOME DOMAINS FOR THE MODELS IN COHORT II–K AND COHORT III–K (BOTH COHORT STREAMS ARE PRESCHOOL ADJUSTED)



MODEL	NO. OF SITES[b] ● C–IIK	NO. OF SITES[b] ➤ C–IIIK
Direct Instruction (B)	3	3
Parent Education (C)	3	3
California Process (B)	3	3
Bank Street (A)	4	4
Behavior Analysis (B)	5	5
TEEM (C)	3	3
Responsive Education (A)	5	5
SEDL (B)	3	3
Cognitive Curriculum (C)	3	3
EDC (A)	2	2
Interdependent Learning (A)	1	1
Home-School Partnership (C)	1	1

KEY	
●	Average Net Effect for Cohort II–K
➤	Average Net Effect for Cohort III–K
(B)	Basic Skills Model
(C)	Cognitive Conceptual Skills Model
(A)	Affective/Cognitive Model

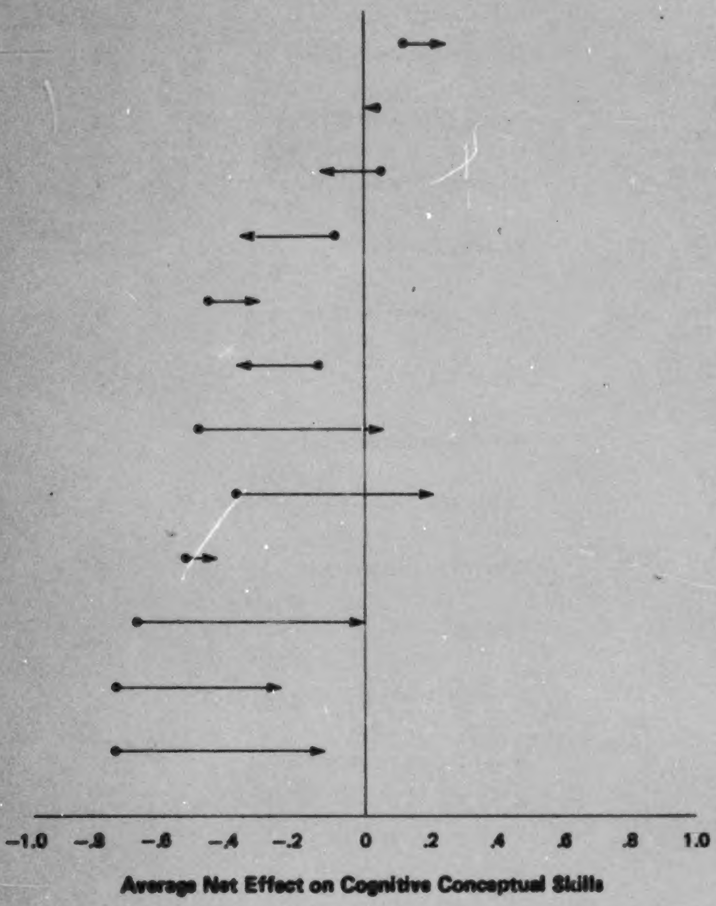
---

[a] See first page of Figure 3–2 (a) for definition of Average Net Effect.

[b] Model average net effects were computed using all trusted effects in sites which appear in both Cohorts II–K and III–K.

Figure 3–7 (continued)

AVERAGE NET EFFECT[a] ON COGNITIVE CONCEPTUAL SKILLS



MODEL	NO. OF SITES[b] ● C–IIK	 ➤ C–IIIK
Direct Instruction (B)	3	3
Parent Education (C)	3	3
California Process (B)	3	3
Bank Street (A)	4	4
Behavior Analysis (B)	5	5
TEEM (C)	3	3
Responsive Education (A)	5	5
SEDL (B)	3	3
Cognitive Curriculum (C)	3	3
EDC (A)	2	2
Interdependent Learning (A)	1	1
Home-School Partnership (C)	1	1

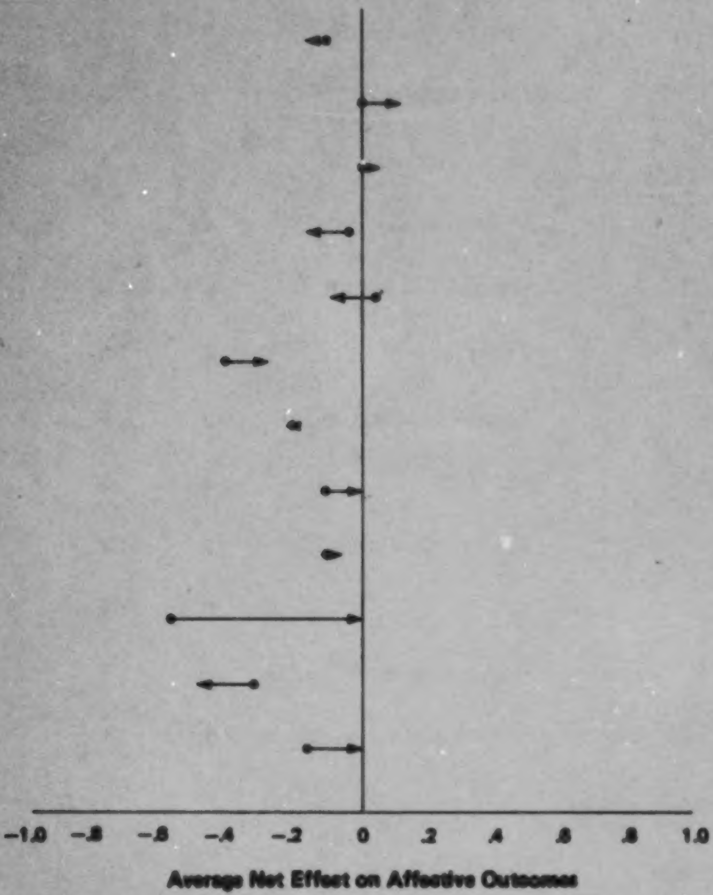
KEY	
●	Average Net Effect for Cohort II–K
➤	Average Net Effect for Cohort III–K
(B)	Basic Skills Model
(C)	Cognitive Conceptual Skills Model
(A)	Affective/Cognitive Model

[a] See first page of Figure 3–2 (a) for definition of Average Net Effect.

[b] Model average net effects were computed using all trusted effects in sites which appear in both Cohorts II–K and III–K.

Figure 3–7 (continued)

AVERAGE NET EFFECT[a] ON AFFECTIVE OUTCOMES



MODEL	NO. OF SITES[b] ● C–IIK	NO. OF SITES[b] ➤ C–IIIK
Direct Instruction (B)	3	3
Parent Education (C)	3	3
California Process (B)	3	3
Bank Street (A)	4	4
Behavior Analysis (B)	5	5
TEEM (C)	3	3
Responsive Education (A)	5	5
SEDL (B)	3	3
Cognitive Curriculum (C)	3	3
EDC (A)	2	2
Interdependent Learning (A)	1	1
Home-School Partnership (C)	1	1

KEY

●	Average Net Effect for Cohort II–K
➤	Average Net Effect for Cohort III–K
(B)	Basic Skills Model
(C)	Cognitive Conceptual Skills Model
(A)	Affective/Cognitive Model

[a] See Figure 3–2 (a) for definition of Average Net Effect.

[b] Model average net effects were computed using all trusted effects in sites which appear in both Cohorts II–K and III–K.

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Education as Experimentation: A Planned Variation Model

Volume IV-F
Supplementary Analyses: Appendix

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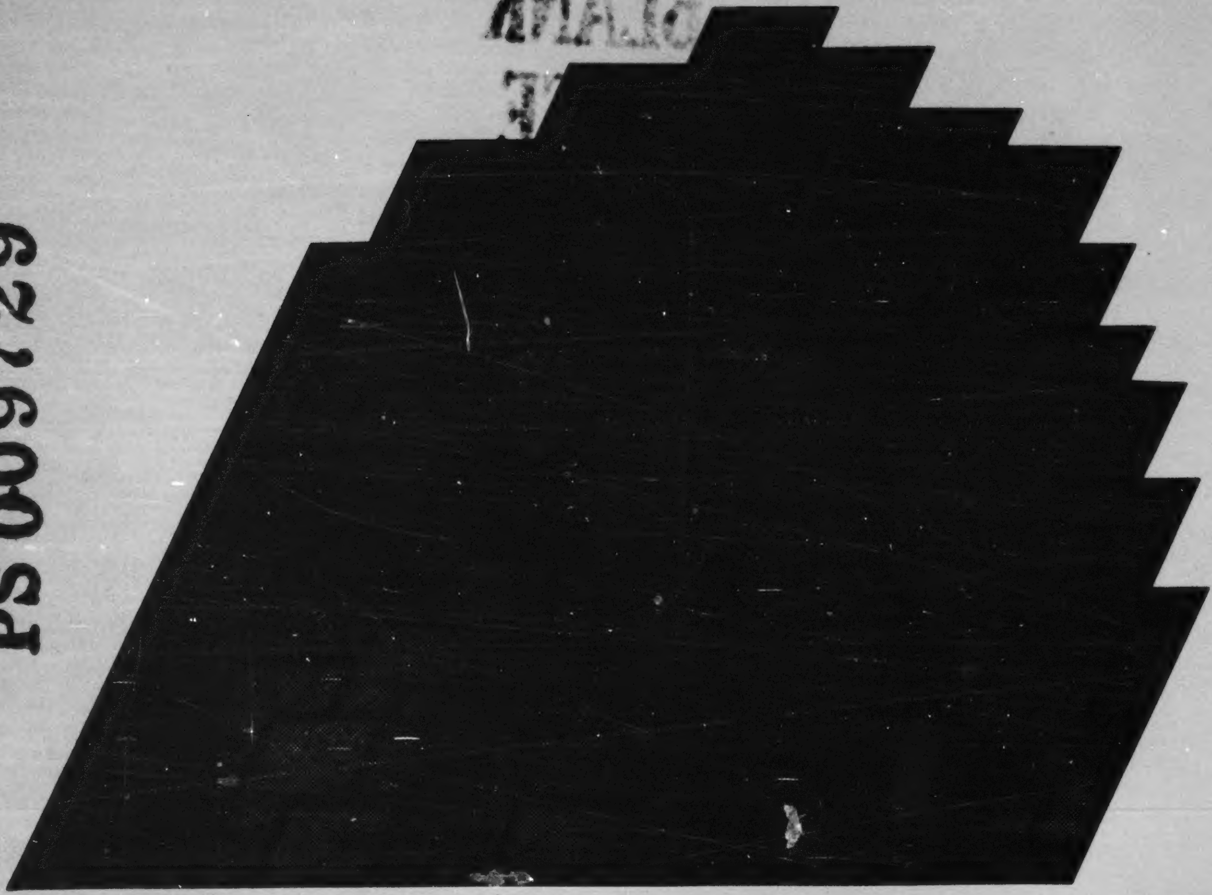

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EDUCATION AS EXPERIMENTATION: A PLANNED VARIATION MODEL

VOLUME IV-F

SUPPLEMENTARY ANALYSES: APPENDIX

10 August 1977

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F14-(10)-IIEF	for the Parent Education Model	333
F14-(11)-IIEF	for the EDC Model	355

Table No.	Title	Page
F15	Background Variables for FT and NFT Children . . . in Cohort II-K Preschool Sample	
F15-(2)-IIK	for the Responsive Education Model	
	in Buffalo, NY	169
	in Duluth, MN	170
	in Fresno, CA	171
	in Salt Lake City, UT	172
	in Tacoma, WA	173
	in Berkeley, CA	174
	in Lebanon, NH	175
F15-(3)-IIK	for the TEEM Model	
	in Lakewood, NJ	199
	in Lincoln, NB	200
	in Wichita, KS	201
	in Baltimore, MD	202
F15-(5)-IIK	for the Bank Street Model	
	in New York, NY	227
	in Philadelphia, PA	228
	in Brattleboro, VT	229
	in Fall River, MA	230
	in Rochester, NY	231
	in Wilmington, DE	232
F15-(7)-IIK	for the Direct Instruction Model	
	in New York, NY	251
	in Grand Rapids, MI	252
	in Flint, MI	253
	in E. St. Louis, IL	254
	in Racine, WI	255

Table No. Title Page

F15 Background Variables for FT and NFT Children . . . (cont.)

in Cohort II-K Preschool Sample (cont.)

F15-(8)-IIK for the Behavior Analysis Model
in New York, NY 288
in Philadelphia, PA 289
in Portageville, MO 290
in Kansas City, MO 291
in Louisville, KY 292

F15-(9)-IIK for the Cognitive Curriculum Model
in New York, NY 303
in Okaloosa Co., FL 304
in Chicago, IL 305

F15-(10)-IIK for the Parent Education Model
in Philadelphia, PA 321
in Richmond, VA 322
in Houston, TX 323
in Jacksonville, FL 324

F15-(11)-IIK for the EDC Model
in Philadelphia, PA 345
in Paterson, NJ 346
in Chicago, IL 347

F15-(1)-IIK for the Self-Sponsored Model
in Detroit, MI 364
in New York, NY 365
in Philadelphia, PA 366
in Portland, OR 367
in San Diego, CA 368

Table No.	Title	Page
F15	Background Variables for FT and NFT Children . . . (cont.)	
	in Cohort II-K Preschool Sample (cont.)	
F15-(13)-IIK	for the Interdependent Learning Model	
	in New York, NY	379
F15-(14)-IIK	for the SEDL Model	
	in Philadelphia, PA	386
	in Tulare, CA	387
	in St. Martin Parish, LA	388
F15-(21)-IIK	for the Home-School Partnership Model	
	in New York, NY	397
F15-(22)-IIK	for the California Process Model	
	in Los Angeles, CA	404
	in Ravenswood, CA	405
	in San Jose, CA	406
	in Lamont, CA	407
	in Cohort III-EF Preschool Sample	
F15-(2)-IIIEF	for the Responsive Education Model	
	in Goldsboro, NC	188
	in Sumter, SC	189
	in Owensboro, KY	190
F15-(3)-IIIEF	for the TEEM Model	
	in Vermilion Par., LA	212
	in Durham Co., NC	213
	in Ft. Worth, TX	214
	in Walker Co., GA	215
	in Pike Co., KY	216

Table No.	Title	Page
F15	Background Variables for FT and NFT Children . . . (cont.)	
	in Cohort III-EF Preschool Sample	
F15-(7)-IIIEF	for the Direct Instruction Model	
	in Dayton, OH	266
	in Tupelo, MS	267
	in Williamsburg Co., SC	268
F15-(6)-IIIEF	for the Mathemagenic Activities Model	
	in Gulfport, MS	417
	in Pickens Co., GA	418
	in Lee Co., VA	419
	in Cohort II-EF Preschool Sample	
F15-(5)-IIEF	for the Bank Street Model	
	in Macon Co., AL	244
F15-(7)-IIEF	for the Direct Instruction Model	
	in E. St. Louis, IL	277
	in Tupelo, MS	278
	in Williamsburg Co., SC	279
F15-(9)-IIEF	for the Cognitive Curriculum Model	
	in Leflore Co., MS	314
F15-(10)-IIEF	for the Parent Education Model	
	in Jonesboro, AR	334
	in Chattanooga, TN	335
	in Hillsborough, FL	336
F15-(11)-IIEF	for the EDC Model	
	in Laurel, DE	356
	in Johnston Co., NC	357

Table No. Title Page

F16 Means and Standard Deviations of the Outcome Measures for FT and NFT Children . . .

in Cohort II-K Preschool Sample

F16-(2)-IIK for the Responsive Education Model 176
F16-(3)-IIK for the TEEM Model 203
F16-(5)-IIK for the Bank Street Model 233
F16-(7)-IIK for the Direct Instruction Model 256
F16-(8)-IIK for the Behavior Analysis Model 293
F16-(9)-IIK for the Cognitive Curriculum Model 306
F16-(10)-IIK for the Parent Education Model 325
F16-(11)-IIK for the EDC Model 348
F16-(1)-IIK for the Self-Sponsored Model 369
F16-(13)-IIK for the Interdependent Learning Model 380
F16-(14)-IIK for the SEDL Model 389
F16-(21)-IIK for the Home-School Partnership Model 398
F16-(22)-IIK for the California Process Model 408

in Cohort III-EF Preschool Sample

F16-(2)-IIIEF for the Responsive Education Model 191
F16-(3)-IIIEF for the TEEM Model 217
F16-(7)-IIIEF for the Direct Instruction Model 269
F16-(6)-IIIEF for the Mathemagenic Activities Model 420

in Cohort II-EF Preschool Sample

F16-(5)-IIEF for the Bank Street Model 245
F16-(7)-IIEF for the Direct Instruction Model 280
F16-(9)-IIEF for the Cognitive Curriculum Model 315
F16-(10)-IIEF for the Parent Education Model 337
F16-(11)-IIEF for the EDC Model 358

Table No.	Title	Page
F17	Means and Standard Deviations of the Outcome Measures for FT and NFT Children . . .	
	in Cohort II-K Preschool Sample	
F17-(2)-IIK	for the Responsive Education Model	
	in Buffalo, NY	177
	in Duluth, MN	178
	in Fresno, CA	179
	in Salt Lake City, UT	180
	in Tacoma, WA	181
	in Berkeley, CA	182
	in Lebanon, NH	183
F17-(3)-IIK	for the TEEM Model	
	in Lakewood, NJ	204
	in Lincoln, NB	205
	in Wichita, KS	206
	in Baltimore, MD	207
F17-(5)-IIK	for the Bank Street Model	
	in New York, NY	234
	in Philadelphia, PA	235
	in Brattleboro, VT	236
	in Fall River, MA	237
	in Rochester, NY	238
	in Wilmington, DE	239
F17-(7)-IIK	for the Direct Instruction Model	
	in New York, NY	257
	in Grand Rapids, MI	258
	in Flint, MI	259
	in E. St. Louis, IL	260
	in Racine, WI	261

Table No.	Title	Page
F17	Means and Standard Deviations of the Outcome Measures for FT and NFT Children . . . (cont.)	
	in Cohort II-K Preschool Sample	
F17-(8)-IIK	for the Behavior Analysis Model	
	in New York, NY	294
	in Philadelphia, PA	295
	in Portageville, MO	296
	in Kansas City, MO	297
	in Louisville, KY	298
F17-(9)-IIK	for the Cognitive Curriculum Model	
	in New York, NY	307
	in Okaloosa Co., FL	308
	in Chicago, IL	309
F17-(10)-IIK	for the Parent Education Model	
	in Philadelphia, PA	326
	in Richmond, VA	327
	in Houston, TX	328
	in Jacksonville, FL	329
F17-(11)-IIK	for the EDC Model	
	in Philadelphia, PA	349
	in Paterson, NJ	350
	in Chicago, IL	351
F17-(1)-IIK	for the Self-Sponsored Model	
	in Detroit, MI	370
	in New York, NY	371
	in Philadelphia, PA	372
	in Portland, OR	373
	in San Diego, CA	374

Table No.	Title	Page
F17	Means and Standard Deviations of the Outcome Measures for FT and NFT Children . . . (cont.)	
	in Cohort II-K Preschool Sample	
F17-(13)-IIK	for the Interdependent Learning Model	
	in New York, NY	381
F17-(14)-IIK	for the SEDL Model	
	in Philadelphia, PA	390
	in Tulare, CA	391
	in St. Martin Parish, LA	392
F17-(21)-IIK	for the Home-School Partnership Model	
	in New York, NY	399
F17-(22)-IIK	for the California Process Model	
	in Los Angeles, CA	409
	in Ravenswood, CA	410
	in San Jose, CA	411
	in Lamont, CA	412
	in Cohort III-EF Preschool Sample	
F17-(2)-IIIEF	for the Responsive Education Model	
	in Goldsboro, NC	192
	in Sumter, SC	193
	in Owensboro, KY	194
F17-(3)-IIIEF	for the TEEM Model	
	in Vermilion Parish, LA	218
	in Durham Co., NC	219
	in Ft. Worth, TX	220
	in Walker Co., GA	221
	in Pike Co., KY	222

Table No.	Title	Page
F17	Means and Standard Deviations of the Outcome Measures for FT and NFT Children . . . (cont.)	
	in Cohort III-EF Preschool Sample	
F17-(7)-IIIEF	for the Direct Instruction Model	
	in Dayton, OH	270
	in Tupelo, MS	271
	in Williamsburg Co., SC	272
F17-(6)-IIIEF	for the Mathemagenic Activities Model	
	in Gulfport, MS	421
	in Pickens Co., GA	422
	in Lee Co., VA	423
	in Cohort II-EF Preschool Sample	
F17-(5)-IIEF	for the Bank Street Model	
	in Macon Co., AL	246
F17-(7)-IIEF	for the Direct Instruction Model	
	in E. St. Louis, IL	281
	in Tupelo, MS	282
	in Williamsburg Co., SC	283
F17-(9)-IIEF	for the Cognitive Curriculum Model	
	in Leflore Co., MS	316
F17-(10)-IIEF	for the Parent Education Model	
	in Jonesboro, AR	338
	in Chattanooga, TN	339
	in Hillsborough, FL	340
F17-(11)-IIEF	for the EDC Model	
	in Laurel, DE	359
	in Johnston Co., NC	360

PART 5: SITE LEVEL AVERAGE EFFECTS TABLES

Table No.	Title	Page

Average Effects by Model and Site by Cohort Stream by Outcome Domain

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F20-(3)-IIIK	in the TEEM Model	436
F20-(5)-IIIK	in the Bank Street Model	437
F20-(7)-IIIK	in the Direct Instruction Model	438
F20-(8)-IIIK	in the Behavior Analysis Model	439
F20-(9)-IIIK	in the Cognitive Curriculum Model	440
F20-(10)-IIIK	in the Parent Education Model	441
F20-(11)-IIIK	in the EDC Model	442
F20-(12)-IIIK	in the IELP Model	443
F20-(13)-IIIK	in the Interdependent Learning Model	444
F20-(14)-IIIK	in the SEDL Model	445
F20-(18)-IIIK	in the CLA Model	446
F20-(21)-IIIK	in the Home-School Partnership Model	447
F20-(22)-IIIK	in the California Process Model	448
F20-(23)-IIIK	in the NSA Model	449

PART 7: TABLE OF CRITERIA FOR EDUCATIONAL SIGNIFICANCE

Table No.	Title	Page
F21	Criteria for Determining Educational Significance of Each Outcome Measure by Cohort Stream	453

Table F1

PERCENTS OF CHILDREN IN SIX NON-WHITE, NON-BLACK CATEGORIES OF ETHNICITY, BY SITE BY COHORT STREAM

MODEL/SITE	TREATMENT	ETHNICITY						TOTAL N[a]
		American Indian	Oriental	Mexican American	Puerto Rican	Other Spanish	Other	
		Cohort II-K						
RESPONSIVE EDUCATION								
Berkeley, CA	FT			4				83
Berkeley, CA	NFT		4	1				67
Duluth, MN	FT	5						73
Duluth, MN	NFT	1	1					77
Fresno, CA	FT			39				44
Fresno, CA	NFT			42				40
Salt Lake City, UT	FT	3		49				35
Salt Lake City, UT	NFT			14			2	44
Tacoma, WA	FT	3						39
Tacoma, WA	NFT	5	5	3				39
TEEM								
Lakewood, NJ	FT				15			71
Lakewood, NJ	NFT		2		2			48
Lincoln, NB	FT			4				51
Wichita, KS	NFT	5		11				19
BANK STREET								
New York, NY	FT				1	1		68
New York, NY	NFT	1	13		7	1	1	153
Philadelphia, PA	NFT				10			62
Rochester, NY	FT				8	4		26
Wilmington, DE	FT						1	95
Wilmington, DE	NFT				3			75
DIRECT INSTRUCTION								
New York, NY	FT				7			29
New York, NY	NFT	1	13		7	1	1	153
Grand Rapids, MI	FT			1				69
Grand Rapids, MI	NFT			3				32
Racine, WI	FT			5				55
Racine, WI	NFT			6				32
Flint, MI	FT						2	64
Flint, MI	NFT			2				41
BEHAVIOR ANALYSIS								
New York, NY	FT				17			36
New York, NY	NFT	1	13		7	1	1	153
Philadelphia, PA	NFT				10			62
COGNITIVE CURRICULUM								
New York, NY	NFT	1	13		7	1	1	153
PARENT EDUCATION								
Philadelphia, PA	NFT				10			62
Houston, TX	FT			30				56
Houston, TX	NFT			28				46
EDC								
Philadelphia, PA	NFT				10			62
Paterson, NJ	NFT				15			34
SELF-SPONSORED								
New York, NY	FT				31	6		16
New York, NY	NFT	1	13		7	1	1	153
Philadelphia, PA	NFT				10			62
San Diego, CA	FT		1	32		3		68
San Diego, CA	NFT		5	32			5	22
INTERDEPENDENT LEARNING								
New York, NY	NFT	1	13		7	1	1	153
SEDL								
Philadelphia, PA	FT				22	2		45
Philadelphia, PA	NFT				10			62
Tulare, CA	FT	1	1	69			1	114
Tulare, CA	NFT			23				35
HOME-SCHOOL PARTNERSHIP								
New York, NY	FT				4			23
New York, NY	NFT	1	13		7	1	1	153
CALIFORNIA PROCESS								
Los Angeles, CA	FT			1				89
Los Angeles, CA	NFT			3				35
Lamont, CA	FT			69	15			26
Lamont, CA	NFT			48				21
San Jose, CA	FT			89				37
San Jose, CA	NFT			41				14

[a] Includes Black, White and other.

Table F1 (continued)

MODEL/SITE	TREATMENT	ETHNICITY						TOTAL N[a]
		American Indian	Oriental	Mexican American	Puerto Rican	Other Spanish	Other	
		Cohort III-EF						
TEEM								
Ft. Worth, TX	FT			34%				119
Ft. Worth, TX	NFT		1%	16%				141
MATHEMAGENIC ACTIVITIES								
Gulfport, MS	FT	2%						94
		Cohort II-EF						
PARENT EDUCATION								
Hillsborough, FL	NFT					9%		68
EDC								
Laurel, DE	FT	1%			1%			106
Laurel, DE	NFT						2%	114

[a] Total N includes Black, White and other.

Table F2

QUARTILE RANKS AND RANK DIFFERENCES ON SOCIOECONOMIC INDEX FOR FT AND NFT PRESCHOOL AND NON-PRESCHOOL SAMPLES, BY SITE BY COHORT STREAM

MODEL/SITE	COHORT STREAM																				
	II-K							III-EF							II-EF						
	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool[b]	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool
	FT	NFT	Δ[a]	FT	NFT	Δ		FT	NFT	Δ	FT	NFT	Δ		FT	NFT	Δ	FT	NFT	Δ	
RESPONSIVE EDUCATION																					
Buffalo, NY	2	3	-1	2	3	-1	0														
Duluth, MN	4	4	0	4	4	0	0														
Fresno, CA	1	1	0	3	2	1	-1														
Salt Lake City, UT	2	4	-2	3	4	-1	-1														
Tacoma, WA	2	4	-2	2	3	-1	-1														
Berkeley, CA	4	4	0	4	4	0	0														
Lebanon, NH	4	4	0	4	4	0	0														
Goldsboro, NC								2	3	-1	2	3	-1	0							
Sumter, SC								2	3	-1	2	3	-1	0							
Owensboro, KY								1	4	-3	1	4	-3	0							
TEEM																					
Lakewood, NJ	2	3	-1	3	3	0	-1														
Lincoln, NB	4	4	0	2	3	-1	1														
Wichita, KS	3	4	-1	2	3	-1	0														
Baltimore, MD	1	1	0	2	2	0	0														
Vermilion Par., LA								1	3	-2	1	3	-2	0							
Durham Co., NC								4	4	0	4	4	0	0							
Ft. Worth, TX								1	1	0	1	1	0	0							
Walker Co., GA								2	4	-2	2	4	-2	0							
Pike Co., KY								2	3	-1	2	3	-1	0							
BANK STREET																					
New York, NY	3	3	0	3	1	2	-2														
Philadelphia, PA	2	3	-1	1	1	0	-1														
Brattleboro, VT	4	4	0	4	4	0	0														
Fall River, MA	2	3	-1	4	4	0	-1														
Rochester, NY	1	1	0	3	2	1	-1														
Wilmington, DE	1	2	-1	1	2	-1	0														
Macon Co., AL															1	1	0	1	1	0	0

[a] Δ = FT - NFT

[b] Difference Between Preschool and Non-Preschool = [(PS)FT - (PS)NFT] - [(NPS)FT - (NPS)NFT]

KEY:	
1:	Scores not above first quartile
2:	Scores above first quartile but not above second quartile
3:	Scores above second quartile, but not above third quartile
4:	Scores above third quartile

Table F2 (continued)

MODEL/SITE	COHORT STREAM																				
	II-K							III-EF							II-EF						
	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool[b]	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool
	FT	NFT	Δ[a]	FT	NFT	Δ		FT	NFT	Δ	FT	NFT	Δ		FT	NFT	Δ	FT	NFT	Δ	
DIRECT INSTRUCTION																					
New York, NY	4	3	1	3	1	2	-1														
Grand Rapids, MI	1	3	-2	1	2	-1	-1														
Flint, MI	2	3	-1	2	4	-2	1														
E. St. Louis, IL	3	1	2	1	1	0	2								2	3	-1	1	3	-2	1
Racine, WI	3	3	0	3	3	0	0														
Dayton, OH								1	2	-1	1	2	-1	0							
Tupelo, MS								1	4	-3	1	4	-3	0	1	4	-3	1	4	-3	0
Williamsburg Co., SC								1	2	-1	1	2	-1	0	1	3	-2	2	3	-1	-1
BEHAVIOR ANALYSIS																					
New York, NY	3	3	0	3	1	2	-2														
Philadelphia, PA	1	3	-2	1	1	0	-2														
Portageville, MO	3	3	0	3	4	-1	1														
Kansas City, MO	1	1	0	2	2	0	0														
Louisville, KY	1	3	-2	1	2	-1	-1														
COGNITIVE CURRICULUM																					
New York, NY	2	3	-1	2	1	1	-2														
Okaloosa Co., FL	1	4	-3	3	4	-1	-2														
Chicago, IL	2	1	1	3	2	1	0														
Leflore Co., MS															1	2	-1	1	2	-1	0
PARENT EDUCATION																					
Philadelphia, PA	1	3	-2	2	1	1	-3														
Richmond, VA	2	2	0	1	1	0	0														
Houston, TX	2	1	1	1	1	0	1														
Jacksonville, FL	2	2	0	3	3	0	0														
Jonesboro, AR															3	4	-1	3	4	-1	0
Chattanooga, TN															2	2	0	2	2	0	0
Hillsborough, FL															3	3	0	3	3	0	0

[a] Δ = FT - NFT

[b] Difference Between Preschool and Non-Preschool = [(PS)FT - (PS)NFT] - [(NPS)FT - (NPS)NFT]

KEY:
1: Scores not above first quartile
2: Scores above first quartile but not above second quartile
3: Scores above second quartile, but not above third quartile
4: Scores above third quartile

Table F2 (continued)

MODEL/SITE	COHORT STREAM																				
	II-K							III-EF								II-EF						
	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool[b]	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool
	FT	NFT	Δ[a]	FT	NFT	Δ		FT	NFT	Δ	FT	NFT	Δ		FT	NFT	Δ	FT	NFT	Δ	
EDC																					
Philadelphia, PA	3	3	0	2	1	1	-1														
Paterson, NJ	4	2	2	2	4	-2	4														
Chicago, IL	3	1	2	4	2	2	0														
Laurel, DE															4	4	0	4	4	0	0
Johnston Co., NC															2	4	-2	2	4	-2	0
SELF-SPONSORED																					
Detriot, MI	1	1	0	2	3	-1	1														
New York, NY	4	3	1	4	1	3	-2														
Philadelphia, PA	2	3	-1	1	1	0	-1														
Portland, OR	4	4	0	3	3	0	0														
San Diego, CA	1	4	-3	1	2	-1	-2														
INTERDEPENDENT LEARNING																					
New York, NY	2	3	-1	2	1	1	-2														
SEDL																					
Philadelphia, PA	1	3	-2	1	1	0	-2														
Tulare, CA	2	2	0	1	3	-2	2														
St. Martin Par., LA	3	4	-1	2	4	-2	1														
HOME-SCHOOL PARTNERSHIP																					
New York, NY	2	3	-1	2	1	1	-2														
CALIFORNIA PROCESS																					
Los Angeles, CA	3	2	1	1	1	0	1														
Ravenswood, CA	2	4	-2	2	4	-2	0														
San Jose, CA	1	3	-2	2	4	-2	0														
Lamont, CA	1	3	-2	3	4	-1	-1														
MATHEMAGENIC ACTIVITIES																					
Gulfport, MS								3	4	-1	3	4	-1	0							
Pickens Co., GA								3	4	-1	3	4	-1	0							
Lee Co., VA								3	2	1	3	2	1	0							

[a] Δ = FT - NFT

[b] Difference Between Preschool and Non-Preschool = [(PS)FT - (PS)NFT] - [(NPSFT - (NPS)NFT]

KEY:
1: Scores not above first quartile
2: Scores above first quartile but not above second quartile
3: Scores above second quartile, but not above third quartile
4: Scores above third quartile

Table F3

QUARTILE RANKS AND RANK DIFFERENCES ON ETHNIC-LINGUISTIC INDEX FOR FT AND NFT PRESCHOOL AND NON-PRESCHOOL SAMPLES, BY SITE BY COHORT STREAM

MODEL/SITE	COHORT STREAM																				
	II-K							III-EF								II-EF						
	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool[b]	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool
	FT	NFT	Δ[a]	FT	NFT	Δ		FT	NFT	Δ	FT	NFT	Δ		FT	NFT	Δ	FT	NFT	Δ	
RESPONSIVE EDUCATION																					
Buffalo, NY	3	2	1	3	2	1	0														
Duluth, MN	4	4	0	4	4	0	0														
Fresno, CA	1	1	0	1	1	0	0														
Salt Lake City, UT	3	4	-1	3	4	-1	0														
Tacoma, WA	4	4	0	4	4	0	0														
Berkeley, CA	4	4	0	4	4	0	0														
Lebanon, NH	4	4	0	4	4	0	0														
Goldsboro, NC								2	3	-1	2	3	-1	0							
Sumter, SC								2	2	0	2	2	0	0							
Owensboro, KY								3	4	-1	3	4	-1	0							
TEEM																					
Lakewood, NJ	1	3	-2	1	4	-3	1														
Lincoln, NB	4	4	0	4	4	0	0														
Wichita, KS	4	3	1	4	3	1	0														
Baltimore, MD	3	2	1	3	2	1	0														
Vermilion Par., LA								2	1	1	2	1	1	0							
Durham Co., NC								2	3	-1	3	3	0	-1							
Ft. Worth, TX								1	1	0	1	1	0	0							
Walker Co., GA								3	3	0	3	3	0	0							
Pike Co., KY								4	4	0	4	4	0	0							
BANK STREET																					
New York, NY	1	1	0	1	1	0	0														
Philadelphia, PA	2	1	1	2	1	1	0														
Brattleboro, VT	4	4	0	4	4	0	0														
Fall River, MA	3	3	0	4	2	2	-2														
Rochester, NY	1	2	-1	1	2	-1	0														
Wilmington, DE	3	3	0	3	3	0	0														
Macon Co., AL															2	2	0	2	2	0	0

[a] Δ = FT - NFT

[b] Difference Between Preschool and Non-Preschool = [(PS)FT - (PS)NFT] - [(NPS)FT - (NPS)NFT]

KEY:	
1:	Scores not above first quartile
2:	Scores above first quartile but not above second quartile
3:	Scores above second quartile, but not above third quartile
4:	Scores above third quartile

Table F3 (continued)

MODEL/SITE	COHORT STREAM																				
	II-K							III-EF								II-EF						
	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool[b]	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool
	FT	NFT	Δ[a]	FT	NFT	Δ		FT	NFT	Δ	FT	NFT	Δ		FT	NFT	Δ	FT	NFT	Δ	
DIRECT INSTRUCTION																					
New York, NY	1	1	0	1	1	0	0														
Grand Rapids, MI	3	3	0	3	3	0	0														
Flint, MI	3	3	0	3	3	0	0														
E. St. Louis, IL	2	2	0	2	2	0	0								2	2	0	2	2	0	0
Racine, WI	3	3	0	3	3	0	0														
Dayton, OH								1	1	0	1	1	0	0							
Tupelo, MS								2	4	-2	2	4	-2	0	2	4	-2	3	4	-1	-1
Williamsburg Co., SC								1	1	0	1	1	0	0	2	2	0	3	2	1	-1
BEHAVIOR ANALYSIS																					
New York, NY	1	1	0	1	1	0	0														
Philadelphia, PA	2	1	1	2	1	1	0														
Portageville, MO	4	4	0	4	4	0	0														
Kansas City, MO	2	2	0	2	2	0	0														
Louisville, KY	2	2	0	2	2	0	0														
COGNITIVE CURRICULUM																					
New York, NY	2	1	1	2	1	1	0														
Okaloosa Co., FL	3	4	-1	3	4	-1	0														
Chicago, IL	2	2	0	2	2	0	0														
Leflore Co., MS															2	2	0	2	2	0	0
PARENT EDUCATION																					
Philadelphia, PA	3	1	2	3	1	2	0														
Richmond, VA	2	3	-1	3	3	0	-1														
Houston, TX	1	1	0	1	1	0	0														
Jacksonville, FL	2	2	0	2	2	0	0														
Jonesboro, AR															3	4	-1	3	4	-1	0
Chattanooga, TN															3	3	0	3	3	0	0
Hillsborough, FL															3	1	2	3	1	2	0

[a] Δ = FT - NFT

[b] Difference Between Preschool and Non-Preschool = [(PS)FT - (PS)NFT] - [(NPS)FT - (NPS)NFT]

KEY:	
1:	Scores not above first quartile
2:	Scores above first quartile but not above second quartile
3:	Scores above second quartile, but not above third quartile
4:	Scores above third quartile

Table F3 (continued)

MODEL/SITE	COHORT STREAM																				
	II-K							III-EF							II-EF						
	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool[b]	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool	Preschool Sample			Non-Preschool Sample			Difference Between Preschool and Non-Preschool
	FT	NFT	Δ[a]	FT	NFT	Δ		FT	NFT	Δ	FT	NFT	Δ		FT	NFT	Δ	FT	NFT	Δ	
EDC																					
Philadelphia, PA	2	1	1	3	1	2	-1														
Paterson, NJ	2	1	1	2	1	1	0														
Chicago, IL	2	2	0	2	2	0	0														
Laurel, DE															4	4	0	3	4	-1	1
Johnston Co., NC															3	4	-1	3	4	-1	0
SELF-SPONSORED																					
Detroit, MI	2	2	0	2	2	0	0														
New York, NY	4	1	3	3	1	2	1														
Philadelphia, PA	2	1	1	2	1	1	0														
Portland, OR	3	3	0	3	4	-1	1														
San Diego, CA	1	1	0	1	1	0	0														
INTERDEPENDENT LEARNING																					
New York, NY	2	1	1	2	1	1	0														
SEDL																					
Philadelphia, PA	1	1	0	1	1	0	0														
Tulare, CA	1	4	-3	1	4	-3	0														
St. Martin Parish, LA	4	4	0	4	4	0	0														
HOME-SCHOOL PARTNERSHIP																					
New York, NY	2	1	1	2	1	1	0														
CALIFORNIA PROCESS																					
Los Angeles, CA	2	2	0	2	1	1	-1														
Ravenswood, CA	2	3	-1	2	3	-1	0														
San Jose, CA	1	4	-3	1	3	-2	-1														
Lamont, CA	1	1	0	1	1	0	0														
MATHEMAGENIC ACTIVITIES																					
Gulfport, MS								2	3	-1	2	3	-1	0							
Pickens Co., GA								3	4	-1	3	4	-1	0							
Lee Co., VA								4	4	0	4	4	0	0							

[a] Δ = FT - NFT

[b] Difference Between Preschool and Non-Preschool = [(PS)FT - (PS)NFT] - [(NPS)FT - (NPS)NFT]

KEY:
1: Scores not above first quartile
2: Scores above first quartile but not above second quartile
3: Scores above second quartile, but not above third quartile
4: Scores above third quartile

Table F4-IIIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY MODEL/SITE BY ANALYSIS BY OUTCOME FOR COHORT II-K

MODEL/SITE	ANALYSIS[a]	STATISTIC	OUTCOME															
			Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS(-)	IARS(+)	Total Reading	Total Math	Language Part A	Language Part B
RESPONSIVE EDUCATION/ Berkeley, CA	PALA	b	1.42	2.73	.59	1.13	.04	2.09	1.09	.96	-.46	1.52**	.73	3.50	3.19	0	.59
		SE	1.53	1.69	1.27	1.09	.64	1.20	1.17	1.09	1.39	.49	.49	2.56	2.95	.51	1.01
	PAPA	b	1.45	2.76*	.04	.88	.73	1.64	.10	.30	-.85	1.02**	.65*	3.09	1.28	-.08	.13
		SE	1.08	1.18	.91	.6[illegible]	.47	.83	.79	.78	.85	.30	.27	1.80	2.18	.31	.72
RESPONSIVE EDUCATION/ Buffalo, NY	PALA	b	-3.66	-2.86	-3.15	-3.11*	.63	-3.41*	-3.85*	-3.62*	-.79	-.90	-.10	-7.07	-10.58*	-.95	-2.20
		SE	2.14	2.35	1.78	1.52	.89	1.68	1.64	1.51	1.94	.68	.69	3.57	4.12	.71	1.41
	PAPA	b	-2.76**	-2.20*	-3.26**	-3.17**	.72**	-3.13**	-3.87**	-3.59**	-.50	-.79*	-.11	-5.89**	-10.63**	-.64	-2.63**
		SE	.87	1.04	.69	.69	.46	.70	.72	.62	.83	.36	.32	1.44	1.75	.35	.55
RESPONSIVE EDUCATION/ Duluth, MN	PALA	b	-4.97**	-3.60*	-3.50**	-3.62**	-.32	-5.02**	-4.30**	-3.44**	-3.07*	-.25	-.10	-9.98**	-11.36**	-.19	-3.31**
		SE	1.51	1.66	1.26	1.08	.63	1.18	1.16	1.07	1.37	.48	.48	2.52	2.91	.50	1.00
	PAPA	b	-4.38**	-3.05*	-3.42**	-3.44**	-.51	-4.64**	-4.32**	-3.23**	-2.45**	-.34	-.24	-9.02**	-10.98**	-.18	-3.24**
		SE	1.10	1.12	.70	.75	.37	.77	.82	.72	.89	.31	.28	1.76	1.93	.32	.55
RESPONSIVE EDUCATION/ Fresno, CA	PALA	b	-1.76	-1.66	3.04	.20	-1.91*	.58	-1.27	.29	2.08	.27	-.98	-1.18	-.77	.35	2.69**
		SE	2.02	2.22	1.68	1.44	.85	1.58	1.55	1.43	1.84	.64	.65	3.37	3.89	.67	1.33
	PAPA	b	-1.07	-1.05	2.53**	-.13	-2.02**	.56	-1.28	.28	2.28	.29	-1.18**	-.51	-1.12	.38	2.14**
		SE	1.25	1.48	.92	.90	.73	.78	.84	.80	1.36	.37	.38	1.85	2.17	.41	.73
RESPONSIVE EDUCATION/ Lebanon, NH	PALA	b	4.12	3.17	.69	.86	-1.50	2.69	.04	1.90	4.15	.50	1.05	6.81	2.79	.41	.28
		SE	3.17	3.49	2.63	2.25	1.33	2.49	2.43	2.24	2.88	1.01	1.01	5.29	6.11	1.05	2.10
	PAPA	b	7.23*	2.85	1.75	-.63	-1.35	4.74	.15	2.09	4.72*	.14	1.37	11.98	1.61	1.07	.67
		SE	3.49	3.21	2.04	1.67	1.02	2.62	2.23	2.37	1.91	.70	1.20	6.06	5.84	.92	1.48

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

* p < .05
** p < .01

Table F4-IIK (continued)

MODEL/SITE	ANALYSIS[a]	STATISTIC	OUTCOME																
			Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS(-)	IARS(+)	Total Reading	Total Math	Language Part A	Language Part B
RESPONSIVE EDUCATION/ Salt Lake City, UT	PALA	b	-2.33	1.50	1.06	4.26*	-.68	-1.80	1.63	1.65	.24	-.39	-.82	-4.13	7.54	-.10	1.15
		SE	2.25	2.47	1.87	1.60	.94	1.76	1.72	1.59	2.04	.71	.72	3.75	4.33	.75	1.48
	PAPA	b	1.83	2.64	1.78	5.82**	-1.42*	-1.32	2.68	2.42*	5.45**	-1.63**	-.77	.51	10.92**	.53	1.25
		SE	1.90	2.11	1.52	1.01	.69	1.17	1.41	1.11	1.19	.51	.63	2.92	3.13	.62	1.20
RESPONSIVE EDUCATION/ Tacoma, WA	PALA	b	-4.40	-8.39**	-1.74	-2.97	1.24	-2.00	-2.10	-1.27	.41	-.64	-1.92*	-6.40	-6.35	-1.35	-.40
		SE	2.30	2.52	1.91	1.63	.96	1.80	1.76	1.62	2.08	.73	.73	3.83	4.42	.76	1.52
	PAPA	b	-1.40	-1.94	-2.47*	-.57	.78	-2.39*	-1.33	-1.42	-2.31	-.37	-.52	-3.79	-3.32	-1.16*	-1.32
		SE	1.68	1.39	1.13	1.06	.67	.98	1.41	1.03	1.72	.52	.71	2.47	3.26	.53	.90
TEEM/ Baltimore, MD	PALA	b	-7.30**	-12.56**	-2.33	-2.62	.54	-4.04*	-4.34**	-2.53	-3.32	-1.43*	-2.46**	-11.35**	-9.49*	-1.97**	-.35
		SE	2.16	2.51	1.63	1.42	1.00	1.59	1.47	1.33	1.90	.65	.77	3.51	3.59	.66	1.32
	PAPA	b	-3.90**	-7.36**	.57	-1.79*	.48	-3.82**	-2.39**	-2.28**	-2.09**	-1.50**	-3.55**	-7.72**	-6.46**	-1.47**	2.14**
		SE	1.13	1.18	.70	.81	.53	.85	.71	.76	.74	.36	.50	1.87	1.92	.29	.53
TEEM/ Lakewood, NJ	PALA	b	-1.39	-3.41	-2.96	.46	.12	.50	-1.01	.88	-3.41	-2.10**	-1.68*	-.89	.33	-.78	-2.18
		SE	2.04	2.36	1.53	1.33	.94	1.50	1.38	1.25	1.79	.61	.73	3.31	3.38	.62	1.24
	PAPA	b	-1.86*	-4.07**	-4.37**	.53	1.22*	.08	-1.13	.57	-6.21**	-1.63**	-.02	-1.78	-.04	-.76*	-3.60**
		SE	.86	1.14	.63	.68	.50	.60	.67	.56	1.10	.32	.47	1.30	1.51	.33	.50
TEEM/ Lincoln, NB	PALA	b	-4.65*	-3.31	-2.35	-2.71*	-1.20	-5.14**	-2.96*	-2.72*	1.33	-2.03**	-.97	-9.[illegible]**	-8.39*	-.54	-1.81
		SE	1.93	2.23	1.45	1.26	.89	1.42	1.30	1.18	1.69	.57	.69	3.13	3.20	.59	1.17
	PAPA	b	-4.60**	-4.52**	-1.96*	-2.69**	-1.85**	-4.49**	-3.09**	-1.29	.79	-1.41**	-.66	-9.09**	-7.07**	.20	-2.15**
		SE	1.14	1.44	.80	.78	.56	.88	.79	.83	1.23	.43	.48	1.88	2.08	.45	.76

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

* p < .05
** p < .01

Table F4-IIK (continued)

MODEL/SITE	ANALYSIS[a]	STATISTIC	OUTCOME														
			Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS(-)	IARS(+)	Total Reading	Total Math	Language Part A	Language Part B
TEEM/ Wichita, KS	PALA	b	.78	.47	1.44	-1.00	1.40	2.99	-.26	.70	-4.84	.47	-.12	3.77	-.56	.81	.63
		SE	2.82	3.27	2.12	1.85	1.31	2.08	1.91	1.73	2.48	.84	1.01	4.58	4.68	.87	1.73
	PAPA	b	9.79**	10.40**	1.47	.47	3.74**	6.77**	1.94*	2.11*	-1.82	.07	-.87**	16.56**	4.52*	2.47**	-1.00
		SE	1.42	1.66	1.01	.68	.53	.99	.83	.77	.97	.28	.31	2.19	1.98	.45	.81
BANK STREET/ New York, NY	PALA	b	.65	-4.96**	-.04	3.63**	-1.91*	1.20	2.29*	.83	-1.22	.23	.19	1.86	6.74*	.50	-.
		SE	1.49	1.76	1.25	1.07	.71	1.10	1.07	1.00	1.24	.49	.51	2.41	2.72	.49	.9
	PAPA	b	.33	-5.70**	-.32	3.20**	-2.12**	.86	2.00*	.35	-1.41	.18	-.04	1.20	5.56*	.27	-.60
		SE	.99	1.19	.87	.76	.54	.88	.88	.89	.89	.28	.25	1.73	2.22	.32	.71
BANK STREET/ Philadelphia, PA	PALA	b	-1.45	-3.94	-.27	-1.37	-.93	-1.53	-2.43	-2.39	-1.74	.19	.36	-2.98	-6.19	.10	-.37
		SE	1.90	2.24	1.60	1.37	.91	1.40	1.37	1.28	1.58	.62	.65	3.08	3.47	.62	1.26
	PAPA	b	-1.53	-4.90**	-.49	-1.40	-.70	-1.89*	-2.33**	-2.08**	-1.74	.05	.09	-3.42	-5.81**	-.14	-.35
		SE	1.22	1.44	.98	.79	.59	.89	.76	.73	1.06	.36	.44	1.99	1.95	.48	.82
BANK STREET/ Brattleboro, VT	PALA	b	-4.64	-10.94**	-.99	-6.13*	1.07	-1.93	-.97	-.13	-.61	-1.04	-.54	-6.56	-7.24	.01	-1.00
		SE	3.08	3.65	2.60	2.23	1.47	2.28	2.22	2.09	2.57	1.01	1.05	5.01	5.65	1.01	2.05
	PAPA	b	-1.77	-11.13**	1.72	-5.92**	.88	.93	.11	-.06	.81	-1.31*	-.71	-.83	-5.87*	.78	.95
		SE	3.04	2.25	1.91	1.15	.71	2.32	1.38	1.07	1.57	.60	.56	5.19	2.66	.72	1.44
BANK STREET/ Fall River, MA	PALA	b	-5.69*	-7.07*	3.14	-1.04	.91	-3.27	-3.36	-1.25	-.44	-1.04	-.32	-8.95*	-5.65	1.48	1.66
		SE	2.40	2.84	2.02	1.73	1.14	1.77	1.73	1.63	2.00	.79	.82	3.90	4.40	.79	1.60
	PAPA	b	-4.59*	-6.08**	5.49**	0	.64	-2.24	-3.20**	-.90	-.96	-.85	-.59	-6.84*	-4.10	1.83**	3.66*
		SE	1.77	2.18	1.91	1.52	.78	1.25	1.07	1.09	1.18	.51	.48	2.83	3.20	.60	1.50

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

* $p < .05$
** $p < .01$

Table F4-IIK (continued)

MODEL/SITE	ANALYSIS[a]	STATISTIC	OUTCOME														
			Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS(-)	IARS(+)	Total Reading	Total Math	Language Part A	Language Part B
BANK STREET/ Rochester, NY	PALA	b	-2.13	-5.71	1.59	1.60	1.70	.57	.01	.36	-.05	.14	-.56	-1.57	1.97	-1.44	3.03
		SE	2.65	3.13	2.23	1.91	1.26	1.95	1.91	1.79	2.21	.87	.90	4.30	4.85	.87	1.76
	PAPA	b	-2.62*	-5.68**	.69	2.30*	.82	-.38	-.60	.26	-.81	-.42	-.41	-3.00	1.96	-1.50*	2.19*
		SE	1.28	1.56	1.33	.94	.76	1.04	.87	.86	1.25	.52	.51	2.17	2.01	.60	.99
BANK STREET/ Wilmington, DE	PALA	b	.01	-2.41	-.34	-2.58*	.64	-.88	-1.01	.04	.53	-.42	.49	-.86	-3.54	.30	-.64
		SE	1.64	1.94	1.39	1.19	.78	1.21	1.18	1.11	1.37	.54	.56	2.67	3.01	.54	1.10
	PAPA	b	-.96	-2.94**	-2.94**	-3.19**	1.17*	-.75	-1.27*	-1.37**	.21	-.46	.55	-1.71	-5.84**	-.59*	-2.35**
		SE	.65	.83	.64	.53	.44	.49	.53	.46	.75	.31	.36	1.05	1.26	.28	.52
DIRECT INSTRUCTION/ New York, NY	PALA	b	-2.34	-3.66	4.73*	.46	-1.34	-.42	-2.29	-1.01	1.66	-.03	-.41	-2.76	-2.83	1.00	3.73*
		SE	2.24	2.57	1.92	1.69	1.05	1.72	1.61	1.58	1.91	.75	.70	3.71	4.33	.92	1.52
	PAPA	b	-1.55	-3.51**	5.10**	.01	-1.56*	-.11	-2.38**	-.69	2.09	-.37	-.49	-1.66	-3.06	.89*	4.21**
		SE	1.16	1.11	1.14	1.30	.72*	.95	.85	.98	1.06	.73	.53	1.95	2.76	.41	.94
DIRECT INSTRUCTION/ E. St. Louis, IL	PALA	b	4.50	-3.51	11.03*	10.16*	-.83	2.42	4.97	1.34	-2.11	-1.03	.35	6.92	16.48	2.10	8.93*
		SE	5.28	6.06	4.51	3.99	2.48	4.05	3.80	3.72	4.48	1.78	1.65	8.73	10.19	1.70	3.57
	PAPA	b	2.59	3.38*	14.18**	10.43**	-.65	1.76	5.52**	5.00**	3.19*	.02	-.38	4.35	20.95**	3.14**	11.04**
		SE	1.31	1.37	1.23	.86	.61	1.12	.94	.87	1.36	.40	.44	2.33	2.35	.41	.97
DIRECT INSTRUCTION/ Grand Rapids, MI	PALA	b	-.17	-2.57	-3.76	-2.48	-1.14	-.71	-2.98	-1.91	-.59	.25	-.44	-.89	-7.38	-1.40	-2.37
		SE	2.44	2.80	2.09	1.84	1.14	1.87	1.75	1.72	2.07	.82	.76	4.04	4.71	.78	1.65
	PAPA	b	.01	-3.90**	-3.02**	-1.46	-.05	-1.04	-1.48*	-.31	-.90	.44	-1.01**	-1.03	-3.27	-.84*	-2.18**
		SE	1.01	1.06	.66	.77	.58	.70	.62	.62	.89	.31	.27	1.59	1.77	.35	.46

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

* $p < .05$
** $p < .01$

Table F4-IIK (continued)

MODEL/SITE	ANALYSIS[a]	STATISTIC	OUTCOME														
			Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS(-)	IARS(+)	Total Reading	Total Math	Language Part A	Language Part B
DIRECT INSTRUCTION/ Racine, WI	PALA	b	-6.31*	-7.11*	.34	-1.19	-2.74*	-1.79	-.50	-1.38	1.12	.08	-.65	-8.09*	-3.07	-.30	.64
		SE	2.40	2.75	2.05	1.81	1.12	1.84	1.72	1.69	2.03	.81	.75	3.97	4.63	.77	1.62
	PAPA	b	-9.97**	-11.51**	-.62	-2.17*	-2.61**	-3.70**	-2.02*	-1.70*	1.08	-.06	-1.34**	-13.66**	-5.88**	-1.15*	.53
		SE	1.27	1.60	1.19	.79	.62	.95	.87	.72	1.01	.40	.30	2.09	2.07	.43	.94
DIRECT INSTRUCTION/ Flint, MI	PALA	b	-.77	-1.42	12.63**	6.32**	1.61	1.72	3.64*	4.39**	-1.87	-.26	.09	.95	14.35**	1.81*	10.82**
		SE	2.15	2.47	1.84	1.63	1.01	1.65	1.55	1.52	1.83	.73	.67	3.57	4.16	.69	1.46
	PAPA	b	-1.78	-2.98*	10.60**	5.56**	1.81**	.87	2.90**	3.40**	-2.77**	-.25	.22	-.91	11.86**	1.54**	9.06**
		SE	1.09	1.25	1.04	.79	.52	.83	.69	.77	.90	.37	.39	1.83	1.94	.33	.84
BEHAVIOR ANALYSIS/ New York, NY	PALA	b	-7.91**	-7.87**	-4.52**	-3.11*	-.60	-4.83**	-3.48*	-3.46*	2.01	.16	.05	-12.74**	-10.05*	-1.17	-3.35*
		SE	2.07	2.49	1.60	1.53	.93	1.53	1.56	1.44	1.67	.62	.66	3.35	3.98	.66	1.26
	PAPA	b	-6.27**	-6.79**	-4.88**	-2.62	-1.24	-4.36**	-3.57**	-2.58*	2.63*	.17	.19	-10.62**	-8.77*	-1.22*	-3.67**
		SE	1.65	1.91	1.04	1.35	.64	1.18	1.25	1.24	1.19	.36	.32	2.66	3.28	.53	.74
BEHAVIOR ANALYSIS/ Philadelphia, PA	PALA	b	-.68	-.42	-2.81*	1.47	-1.92*	-.85	-1.19	-1.69	.36	.31	.27	-1.53	-1.42	-.61	-2.20*
		SE	1.74	2.09	1.35	1.28	.78	1.28	1.31	1.20	1.40	.52	.56	2.81	3.34	.56	1.06
	PAPA	b	-.24	-.27	-2.76**	1.58*	-1.83**	-.70	-1.19	-1.80**	1.44	.42	-.36	-.94	-1.41	-.66*	-2.11**
		SE	1.00	1.29	.65	.73	.46	.77	.73	.62	.86	.29	.30	1.67	1.79	.33	.47
BEHAVIOR ANALYSIS/ Portageville, MO	PALA	b	-5.98*	-7.79**	-4.91*	-2.73	-.85	-3.85*	-5.50**	-4.08*	-3.57	-.55	-1.14	-9.83*	-12.32*	-1.31	-3.60*
		SE	2.34	2.81	1.81	1.73	1.05	1.73	1.76	1.62	1.89	.70	.75	3.79	4.50	.75	1.43
	PAPA	b	-4.82**	-6.53**	-2.48	-.69	.23	-1.82	-4.14**	-2.42*	-3.30*	-.80*	-.97*	-6.64**	-7.24*	-.55	-1.93
		SE	1.29	1.25	1.32	1.09	.57	1.08	1.12	.97	1.21	.39	.44	2.18	2.76	.40	1.09

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

* p < .05
** p < .01

Table F4-IIK (continued)

MODEL/SITE	ANALYSIS[a]	STATISTIC	OUTCOME														
			Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS(-)	IARS(+)	Total Reading	Total Math	Language Part A	Language Part B
BEHAVIOR ANALYSIS/ Kansas City, MO	PALA	b	-3.34	-2.66	-2.10	-1.94	-1.78	-2.67	-3.88*	-2.43	-1.06	-1.06	-.71	-6.01	-8.25	-1.55	-.55
		SE	2.57	3.08	1.98	1.89	1.16	1.89	1.93	1.78	2.06	.77	.82	4.14	4.92	.82	1.57
	PAPA	b	-3.47*	-2.78	-2.52*	-2.97**	-1.37*	-2.37*	-4.17**	-2.65*	-1.43	-.78*	-.54	-5.84*	-9.79**	-1.61**	-.90
		SE	1.50	1.82	1.13	1.03	.62	1.10	1.20	1.04	1.04	.36	.38	2.41	3.02	.51	.78
BEHAVIOR ANALYSIS/ Louisville, KY	PALA	b	.35	1.83	-1.13	2.40	-.06	.12	-1.69	.49	-.52	.93	-0	.46	1.20	-.41	-.72
		SE	1.80	2.16	1.39	1.33	[illegible]	1.32	1.35	1.24	1.45	.54	.57	2.91	3.45	.57	1.10
	PAPA	b	-.16	1.53	-1.63*	2.33**	-.86	-.27	-2.00**	.06	-1.36	.88**	-.55	-.42	.39	-.62	-1.02
		SE	1.04	1.33	.75	.78	.54	.66	.72	.67	.83	.26	.33	1.56	1.96	.40	.57
COGNITIVE CURRICULUM/ New York, NY	PALA	b	-4.85**	-5.35*	-5.44**	-6.67**	-1.78*	-2.97*	-4.96**	-3.97**	-1.59	-.61	.19	-7.82**	-15.60**	-1.29*	-4.16**
		SE	1.70	2.04	1.30	1.32	.78	1.27	1.26	1.22	1.44	.56	.57	2.77	3.34	.53	1.04
	PAPA	b	-4.48**	-5.86**	-5.53**	-7.67**	-1.58**	-3.15**	-5.59**	-4.42**	-1.05	-.62	.17	-7.63**	-17.69**	-1.28*	-4.26**
		SE	1.41	1.57	1.02	.95	.54	.96	.92	.90	1.11	.38	.38	2.23	2.30	.48	.69
COGNITIVE CURRICULUM/ Chicago, IL	PALA	b	2.58	4.35	-.74	-2.27	2.37	-.53	-1.05	-1.49	5.03	-.07	1.14	2.05	-4.81	2.30*	-3.05
		SE	3.53	4.25	2.71	2.73	1.62	2.64	2.62	2.55	2.99	1.17	1.17	5.77	6.94	1.10	2.16
	PAPA	b	1.44	4.53	-1.08	-2.53*	1.72*	-.43	-1.17	-1.63	5.55**	-.31	.40	1.00	-5.33	2.22**	-3.30**
		SE	1.86	2.74	1.22	1.11	.77	1.18	1.07	1.00	1.46	.55	.67	2.84	2.75	.80	1.07
COGNITIVE CURRICULUM/ Okaloosa Co., FL	PALA	b	-3.27	-5.87	-5.42	-3.63	.51	-1.81	-3.95	-2.52	-4.14	-2.38	-2.42	-5.08	-10.10	-2.43*	-2.98
		SE	3.65	4.40	2.81	2.83	1.68	2.73	2.71	2.64	3.10	1.21	1.22	5.97	7.19	1.14	2.24
	PAPA	b	-3.77**	-5.57**	-4.44**	-3.59**	1.00	-1.03	-2.78**	-.87	-3.98**	-1.36**	-2.32**	-4.81**	-7.24**	-1.74**	-2.70**
		SE	.94	1.17	.74	.70	.60	.59	.68	.56	1.07	.43	.46	1.34	1.54	.32	.57

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

* p < .05
** p < .01

Table F4-IIK (continued)

MODEL/SITE	ANALYSIS[a]	STATISTIC	OUTCOME														
			Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS(-)	IARS(+)	Total Reading	Total Math	Language Part A	Language Part B
PARENT EDUCATION/ Philadelphia, PA	PALA	b	-6.03*	-7.86**	-6.41**	-2.77	-.73	-4.52**	-3.92*	-3.75*	-2.84	-.89	-.01	-10.55**	-10.44*	-1.82*	-4.60**
		SE	2.30	2.72	1.67	1.49	1.07	1.55	1.52	1.37	2.04	.71	.75	3.64	3.84	.75	1.26
	PAPA	b	-6.25**	-7.17**	-6.40**	-2.36*	-.90	-4.92**	-3.62**	-3.83**	-.90	-.93	-.05	-11.17**	-9.82**	-1.96**	-4.44**
		SE	1.53	2.00	.96	1.11	.68	1.19	1.15	.82	1.61	.49	.54	2.41	2.71	.50	.64
PARENT EDUCATION/ Jacksonville, FL	PALA	b	.64	2.31	.48	3.33	-.58	-.20	1.24	1.48	-1.47	.42	.20	.43	6.05	.40	.08
		SE	3.35	3.84	2.35	2.10	1.51	2.18	2.15	1.93	2.87	1.00	1.07	5.13	5.41	1.06	1.77
	PAPA	b	1.61	5.15	1.96	2.71	-.58	1.69	2.32	2.00	-2.30	-.17	-.61	3.30	7.03	1.21	.74
		SE	2.31	3.09	2.18	2.10	1.33	1.58	1.78	1.47	3.00	.57	.70	3.65	4.87	.88	1.53
PARENT EDUCATION/ Richmond, VA	PALA	b	-.27	3.38	-.34	-1.01	.67	1.50	1.50	1.27	1.27	.09	.13	1.23	1.77	1.27	-1.61
		SE	2.24	2.57	1.57	1.41	1.01	1.46	1.44	1.29	1.92	.67	.71	3.44	3.62	.71	1.19
	PAPA	b	1.52	3.14*	.13	.41	1.55**	1.79*	2.10**	1.63*	2.24*	.14	-.16	3.31	4.14*	1.01**	-1.69**
		SE	1.14	1.28	.73	.68	.48	.76	.65	.60	1.04	.28	.35	1.79	1.75	.34	.57
PARENT EDUCATION/ Houston, TX	PALA	b	5.34*	6.89*	2.33	4.54**	-.26	2.39	3.70*	2.08	-2.38	1.13	.15	7.74*	10.32**	1.48*	.85
		SE	2.25	2.58	1.58	1.41	1.01	1.46	1.45	1.29	1.93	.67	.72	3.45	3.63	.71	1.19
	PAPA	b	7.17**	7.37**	2.77**	4.30**	-1.11	3.96**	3.16**	1.64*	-2.40*	.47	-.36	11.13**	9.10**	1.82**	.95
		SE	1.52	1.39	.94	.72	.69	1.01	.78	.71	1.15	.33	.44	2.40	1.90	.46	.67
EDC/ Philadelphia, PA	PALA	b	-5.32**	-10.80**	-2.67	-1.45	.19	-2.59*	-3.27*	-3.05*	-1.38	-1.60*	-2.43**	-7.92**	-7.77*	-.59	-2.08
		SE	1.69	1.99	1.37	1.17	.83	1.19	1.26	1.11	1.58	.65	.79	2.61	3.04	.60	1.06
	PAPA	b	-5.22**	-10.94**	-3.06**	-1.13	.45	-2.57**	-3.10**	-2.85**	-1.24	-1.40**	-1.99**	-7.79**	-7.07**	-.75	-2.31**
		SE	.98	1.20	.83	.72	.48	.76	.84	.71	1.03	.44	.57	1.60	2.00	.38	.59

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

* p < .05
** p < .01

Table F4-IIK (continued)

MODEL/SITE	ANALYSIS[a]	STATISTIC	OUTCOME														
			Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS(-)	IARS(+)	Total Reading	Total Math	Language Part A	Language Part B
EDC/ Paterson, NJ	PALA	b	-9.50**	-11.70**	-.96	-1.01	-1.86	-5.89**	-2.34	-3.19*	-3.59	-1.97*	-1.91	-15.39**	-6.54	-1.05	.09
		SE	2.38	2.80	1.92	1.64	1.17	1.67	1.77	1.56	2.22	.91	1.10	3.66	4.27	.84	1.49
	PAPA	b	-9.08**	-11.90**	-1.68	-2.83**	-.39	-6.24**	-3.07**	-3.29**	-6.12**	-1.62**	-.76	-15.32**	-9.18**	-1.98**	.31
		SE	1.24	1.35	.89	.76	.84	1.17	.86	.77	1.23	.47	.49	2.05	2.03	.44	.70
EDC/ Chicago, IL	PALA	b	-4.57	-2.33	-4.49	-4.23	1.62	-4.49	-4.98	-4.20	1.85	-1.53	-.03	-9.06	-13.41*	.04	-4.53*
		SE	3.58	4.21	2.89	2.47	1.76	2.51	2.66	2.34	3.34	1.36	1.66	5.51	6.43	1.27	2.24
	PAPA	b	-4.95*	-1.73	-4.18**	-4.60**	1.14	-4.95**	-5.11**	-4.24**	3.95	-1.70**	-.40	-9.90**	-13.94**	-.12	-4.06**
		SE	2.18	2.24	.98	1.28	.88	1.11	1.04	.61	2.06	.59	.83	2.58	2.27	.69	.80
SELF-SPONSORED/ Detroit, MI	PALA	b	-2.25	-4.01	-1.43	1.87	-1.21	-2.52	-4.45*	-2.11	-.89	-.54	.04	-4.76	-4.69	-.01	-1.42
		SE	2.45	2.90	1.92	1.74	1.09	1.82	1.75	1.66	1.95	.73	.76	4.00	4.50	.75	1.53
	PAPA	b	-2.86*	-4.38*	-2.20*	1.53	-1.23	-2.63**	-5.51**	-2.91**	-1.30	-.87	-.50	-5.49*	-6.88**	.08	-2.28**
		SE	1.32	1.71	.88	.86	.65	.91	.95	.84	1.26	.44	.34	2.08	2.18	.44	.68
SELF-SPONSORED/ New York, NY	PALA	b	-3.49	-4.64	-4.95	-3.03	-1.39	-3.49	-2.05	-4.23	3.67	-.42	-.04	-6.98	-9.30	-.20	-4.75*
		SE	3.28	3.88	2.56	2.32	1.46	2.44	2.34	2.22	2.61	.98	1.02	5.36	6.02	1.00	2.05
	PAPA	b	-2.46	-4.82	-4.42	-1.76	-1.47	-2.64	-.67	-2.76	.98	-.26	.60	-5.12	-5.19	-.28	-4.14*
		SE	2.32	3.28	2.42	1.82	1.10	2.12	1.78	2.21	1.38	.84	.48	4.13	5.19	.66	2.00
SELF-SPONSORED/ Philadelphia, PA	PALA	b	.11	-.41	-1.25	-1.73	-.16	.32	-.90	-1.18	-.80	.36	.62	.43	-3.81	-.08	-1.17
		SE	2.11	2.49	1.65	1.49	.93	1.57	1.50	1.42	1.68	.63	.66	3.44	3.86	.64	1.32
	PAPA	b	.12	-.72	-1.45	-1.52	.36	.15	-.97	-1.44	.10	.46	.61	.27	-3.93	-.11	-1.34
		SE	1.14	1.61	.93	.84	.54	.86	1.01	.88	1.22	.34	.39	1.82	2.34	.42	.69

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

* p < .05
** p < .01

Table F4-IIK (continued)

MODEL/SITE	ANALYSIS[a]	STATISTIC	OUTCOME														
			Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS(-)	IARS(+)	Total Reading	Total Math	Language Part A	Language Part B
SELF-SPONSORED/ Portland, OR	PALA	b	2.85	1.97	1.26	4.38*	1.07	.95	1.59	2.05	1.77	.95	1.18	3.80	8.03	1.06	.20
		SE	2.70	3.19	2.11	1.91	1.20	2.00	1.93	1.82	2.15	.81	.84	4.40	4.95	.82	1.69
	PAPA	b	6.46**	8.02**	1.84	2.65*	.03	4.85**	4.34**	2.22*	-.08	1.44**	2.91**	11.31**	9.20**	1.13**	.70
		SE	1.56	1.55	1.36	1.02	.60	1.17	1.10	.96	1.24	.39	.25	2.50	2.78	.44	1.14
SELF-SPONSORED/ San Diego, CA	PALA	b	-2.91	-4.59	-5.74*	-4.15*	-2.14	-1.85	-3.64	-3.57	-1.91	-1.27	-1.15	-4.77	-11.36*	-1.66	-4.07*
		SE	2.81	3.33	2.20	1.99	1.25	2.09	2.01	1.90	2.24	.85	.87	4.59	5.16	.85	1.76
	PAPA	b	-4.91**	-9.68**	-5.49**	-4.19**	-2.21**	-3.19**	-3.73**	-3.33**	-3.41**	-1.35**	-2.22**	-8.09**	-11.25**	-2.46**	-3.03**
		SE	1.19	1.45	.58	.71	.56	.79	.63	.59	.97	.27	.47	1.87	1.59	.34	.47
INTERDEPENDENT LEARNING/ New York, NY	PALA	b	-.57	-5.69*	-2.87	-3.91*	-2.32*	-1.95	-3.13	-3.13*	-3.79*	-.11	-.59	-2.51	-10.17*	-.86	-2.01
		SE	2.10	2.52	1.57	1.72	.93	1.56	1.66	1.55	1.60	.64	.64	3.41	4.41	.60	1.28
	PAPA	b	-.79	-6.48**	-3.21**	-4.89**	-1.94**	-2.27**	-4.12**	-3.89**	-3.61**	-.11	-.80	-3.06	-12.90**	-.91*	-2.30**
		SE	1.35	1.82	.81	1.13	.63	.79	1.06	.86	1.01	.32	.42	1.94	2.64	.38	.58
SEDL/ Philadelphia, PA	PALA	b	-3.31	-5.95*	-2.73	-.31	-1.22	-2.01	-.81	-.07	-3.03	.59	-.63	-5.32	-1.20	-1.01	-1.72
		SE	1.98	2.53	1.46	1.44	.92	1.35	1.39	1.24	1.66	.61	.71	3.08	3.42	.66	1.17
	PAPA	b	-2.59*	-5.52**	-3.26**	-0	-2.04**	-2.48**	-1.63	-.42	-3.47**	.68	-.87	-5.07**	-2.05	-1.21**	-2.06**
		SE	1.07	1.51	.75	.73	.59	.82	.82	.75	1.13	.38	.48	1.79	1.86	.41	.58
SEDL/ Tulare, CA	PALA	b	-4.93*	-6.43*	1.08	-1.25	-.83	-2.94*	-2.24	-3.77**	.61	.33	.50	-7.87*	-7.26	-.46	1.54
		SE	2.10	2.69	1.56	1.53	.98	1.43	1.48	1.32	1.77	.65	.76	3.27	3.64	.71	1.25
	PAPA	b	-5.50**	-7.02**	.81	-3.57**	-.40	-1.67**	-5.56**	-5.09**	-3.54**	.67**	-1.03**	-7.17**	-14.22**	-.73**	1.53**
		SE	.79	.96	.50	.59	.36	.54	.56	.51	.69	.23	.23	1.23	1.41	.23	.42

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

* $p < .05$
** $p < .01$

Table F4-IIK (continued)

MODEL/SITE	ANALYSIS[a]	STATISTIC	OUTCOME														
			Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS(-)	IARS(+)	Total Reading	Total Math	Language Part A	Language Part B
SEDL/ St. Martin Parish, LA	PALA	b	-3.67*	-3.86	-1.06	.13	.99	-2.83*	-.79	-1.14	-1.19	.58	.03	-6.50*	-1.80	-.17	-.89
		SE	1.60	2.04	1.18	1.17	.75	1.09	1.13	1.00	1.35	.49	.57	2.49	2.76	.54	.95
	PAPA	b	-4.18**	-3.10**	-.91	-.21	3.06**	-2.42**	-.70	-1.78**	-1.10	1.23**	.16	-6.60**	-2.69*	.19	-1.09*
		SE	.68	1.01	.67	.61	.50	.45	.58	.45	.82	.27	.32	.97	1.32	.31	.50
HOME-SCHOOL PARTNERSHIP/ New York, NY	PALA	b	-10.81**	-11.40**	-8.80**	-8.08**	-1.15	-9.33**	-6.41**	-6.16**	-2.29	-1.68	-.50	-20.14**	-20.64**	-2.92**	-5.88**
		SE	2.87	3.29	2.25	2.24	1.26	2.20	2.17	2.10	2.19	.94	.92	4.76	5.83	.84	1.82
	PAPA	b	-9.73**	-10.97**	-8.84**	-8.04**	-1.48	-8.66**	-6.19**	-5.95**	-2.43	-1.54*	-.47	-18.39**	-20.18**	-3.00**	-5.84**
		SE	2.04	2.12	1.49	1.33	.88	1.35	1.30	1.03	1.53	.70	.79	3.15	2.97	.68	.96
CALIFORNIA PROCESS/ Los Angeles, CA	PALA	b	3.88	-.61	1.22	.73	3.76**	2.61	.61	1.21	.45	.46	.58	6.50	2.56	1.10	.12
		SE	2.28	2.57	1.45	1.59	1.00	1.57	1.54	1.37	1.77	.69	.69	3.62	3.93	.73	1.01
	PAPA	b	2.38*	-1.01	.98	1.05	4.16**	.91	-.35	.33	-.78	.18	.72*	3.29*	1.03	.86**	.12
		SE	.97	1.09	.64	.72	.43	.67	.66	.53	.86	.26	.27	1.51	1.63	.31	.45
CALIFORNIA PROCESS/ Ravenswood, CA	PALA	b	1.08	-1.84	-1.25	4.49	1.02	-1.63	.35	-.02	3.36	1.07	-.77	-.55	4.83	-1.10	-.15
		SE	3.29	3.70	2.09	2.30	1.44	2.26	2.22	1.97	2.55	.98	.99	5.23	5.67	1.05	1.47
	PAPA	b	3.51*	.05	-1.68*	4.34**	1.56**	-1.22	.81	-.52	3.32**	.82	-.60	2.29	4.62*	-.60	-1.08
		SE	1.38	1.40	.74	1.02	.50	.74	.91	.80	.86	.43	.46	2.00	2.29	.36	.55
CALIFORNIA PROCESS/ Lamont, CA	PALA	b	-5.36	-6.33	-5.89*	-1.68	1.61	-5.04	-3.34	-1.85	-.83	-.58	-1.18	-10.40	-6.87	-1.07	-4.82**
		SE	3.85	4.34	2.45	2.69	1.69	2.65	2.60	2.31	2.99	1.15	1.17	6.12	6.64	1.23	1.71
	PAPA	b	-1.83	-1.19	-1.16	.95	.89	-6.13**	-.58	.54	.72	-1.49**	-1.97**	-7.96*	.91	.89	-2.05
		SE	1.90	2.01	1.58	1.08	.76	1.72	1.17	.84	1.20	.52	.61	3.34	2.60	.59	1.15
CALIFORNIA PROCESS/ San Jose, CA	PALA	b	-14.06**	-5.67	-7.84**	-4.82	-2.71	-12.67**	-9.91**	-7.32**	1.13	-.47	-1.57	-26.74**	-22.06**	-3.71**	-4.13*
		SE	4.15	4.67	2.63	2.90	1.82	2.85	2.80	2.49	3.22	1.24	1.26	6.59	7.15	1.33	1.85
	PAPA	b	-12.06**	-2.45	-7.25**	-3.63**	-.41	-11.93**	-7.06**	-7.10**	.53	-.67	-2.08**	-24.00**	-17.79**	-1.87**	-5.38**
		SE	2.09	1.82	1.20	1.12	.76	1.67	1.12	1.14	1.16	.51	.53	3.67	3.17	.58	.76

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

* p < .05
** p < .01

Table F4-IIIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY MODEL/SITE BY ANALYSIS BY OUTCOME FOR COHORT III-EF

MODEL/SITE	ANALYSIS[a]	STATISTIC	OUTCOME														
			Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS(-)	IARS(+)	Total Reading	Total Math	Language Part A	Language Part B
RESPONSIVE EDUCATION/ Goldsboro, NC	PALA	b	2.32	1.07	4.51**	2.98*	.79	3.85**	3.76**	4.10**	-.59	-.10	.09	6.17*	10.84**	1.69*	2.82*
		SE	1.77	2.10	1.53	1.23	.87	1.30	1.20	1.10	1.43	.64	.53	2.83	3.10	.65	1.15
	PAPA	b	-.43	-2.31*	1.82*	1.68**	-.42	1.46*	1.80**	2.49**	-1.51*	-.84**	-.06	1.03	5.97**	.99**	.83
		SE	.78	.97	.68	.55	.38	.61	.53	.51	.61	.26	.23	1.30	1.41	.27	.53
RESPONSIVE EDUCATION/ Sumter, SC	PALA	b	-8.72**	-9.70**	-4.52*	-2.10	.12	-6.04**	-3.78*	-4.16*	-2.08	-1.94*	.86	-14.76**	-10.04*	-1.64	-2.88
		SE	2.60	3.08	2.24	1.80	1.28	1.91	1.77	1.62	2.10	.94	.78	4.16	4.55	.95	1.69
	PAPA	b	-8.14**	-10.97**	-5.45**	-2.45**	-1.02	-4.69**	-4.49**	-3.99**	-2.13*	-1.90**	-.07	-12.83**	-10.94**	-2.22**	-3.23**
		SE	1.22	1.46	.77	.56	.64	.74	.75	.61	.91*	.37	.30	1.78	1.56	.38	.58
RESPONSIVE EDUCATION/ Owensboro, KY	PALA	b	-2.94	-5.84	-3.36	-4.91*	-1.21	-1.04	-5.92*	-4.22*	-1.42	.14	.50	-3.98	-15.05*	-1.55	-1.80
		SE	3.24	3.84	2.79	2.25	1.59	2.38	2.21	2.02	2.61	1.17	.97	5.18	5.67	1.19	2.11
	PAPA	b	-3.69**	-8.95**	-4.27**	-5.49**	-2.49**	-2.31**	-6.60**	-5.50**	-.86	-3.07**	-.01	-6.00**	-17.60**	-1.05**	-3.22**
		SE	.82	1.00	.74	.63	.39	.64	.64	.50	.76	.45	.28	1.34	1.56	.29	.57
TEEM/ Vermilion Parish, LA	PALA	b	.05	-3.36	1.88	.55	-.12	-.07	-.50	.70	.49	.53	-.07	-.02	.74	.38	1.50
		SE	2.27	2.58	1.81	1.52	1.05	1.70	1.53	1.47	1.88	.72	.61	3.69	3.94	.77	1.37
	PAPA	b	-4.96**	-8.80**	.13	-2.21**	.25	-2.62**	-5.86**	-1.93**	-2.94**	-.95**	-.90**	-7.57**	-10.00**	-1.68**	1.81**
		SE	.77	.96	.54	.59	.42	.49	.59	.47	.76	.26	.25	1.13	1.39	.30	.37
TEEM/ Durham Co., NC	PALA	b	-2.29	-2.76	.68	2.81*	1.74*	-.94	1.69	.91	-.38	1.08	.25	-3.23	5.41	.44	.24
		SE	1.74	1.98	1.39	1.16	.81	1.31	1.17	1.13	1.45	.55	.47	2.83	3.02	.59	1.05
	PAPA	b	-2.47*	-2.47*	.59	2.54**	1.78**	-1.12	1.49*	.79	-.36	.97**	.04	-3.58	4.82	.44	.16
		SE	1.08	1.17	1.01	.80	.49	.87	.70	.79	.92	.28	.20	1.83	2.06	.40	.82

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

* $p < .05$
** $p < .01$

Table F4-IIIEF (continued)

MODEL/SITE	ANALYSIS[a]	STATISTIC	OUTCOME														
			Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS(-)	IARS(+)	Total Reading	Total Math	Language Part A	Language Part B
TEEM/ Ft. Worth, TX	PALA	b	-1.90	-3.89*	.19	-.32	-.38	-.33	-1.22	-.29	-3.22*	-1.04*	-.41	-2.23	-1.84	-.26	.45
		SE	1.48	1.68	1.17	.98	.68	1.11	1.00	.95	1.22	.47	.39	2.40	2.56	.50	.89
	PAPA	b	-1.74*	-3.78**	.29	-1.00	-.45	.17	-.66	.11	-2.79**	-.79*	-.75**	-1.56	-1.55	-.21	.50
		SE	.70	.80	.54	.52	.39	.51	.55	.50	.73	.30	.23	1.11	1.38	.29	.36
TEEM/ Walker Co., GA	PALA	b	-2.66	-1.08	-1.98	-.62	-0	-2.99	-3.64*	-1.57	-1.46	-.94	-1.17*	-5.66	-5.82	-.44	-1.54
		SE	2.18	2.48	1.74	1.46	1.01	1.64	1.48	1.41	1.81	.69	.58	3.56	3.79	.74	1.32
	PAPA	b	-1.51	.70	-1.01	-.42	.14	-1.64	-2.79*	-.96	-1.73	-.82	-1.08*	-3.15	-4.16	-.03	-.98
		SE	1.49	1.76	.99	.77	.51	1.09	1.05	.84	1.08	.49	.50	2.49	2.32	.42	.76
TEEM/ Pike Co., KY	PALA	b	2.28	2.91	1.08	2.56*	.37	.85	2.10	1.12	-1.32	-1.06	-.10	3.13	5.77	.30	.78
		SE	1.90	2.16	1.52	1.27	.88	1.43	1.28	1.23	1.58	.60	.51	3.10	3.30	.65	1.15
	PAPA	b	2.19	3.21	1.72	2.77**	.62	.91	2.13*	1.03	-1.19	-1.12**	-.16	3.11	5.93**	.30	1.42*
		SE	1.53	1.68	.89	.74	.54	.98	.85	.87	.89	.38	.26	2.37	2.14	.38	.65
DIRECT INSTRUCTION/ Dayton, OH	PALA	b	1.59	-4.81*	13.56**	4.93**	-.15	2.17	4.90**	3.54**	-1.68	.78	1.54**	3.76	13.37**	3.33**	10.23**
		SE	1.88	2.24	1.86	1.50	.87	1.35	1.34	1.25	1.56	.57	.52	3.00	3.62	.66	1.48
	PAPA	b	1.92*	-4.46**	13.87**	4.59**	-.16	2.41**	5.25**	3.93**	-1.07	.57*	1.54**	4.33**	13.78**	3.45**	10.42**
		SE	.81	.93	.85	.65	.37	.55	.64	.54	.64	.24	.20	1.28	1.64	.27	.69
DIRECT INSTRUCTION/ Tupelo, MS	PALA	b	-9.11*	-8.73	4.38	-1.80	-1.87	-7.19*	-4.32	-2.95	-4.91	.20	-3.48**	-16.30**	-9.08	.28	4.10
		SE	3.71	4.43	3.67	2.96	1.72	2.66	2.64	2.47	3.09	1.12	1.02	5.92	7.16	1.30	2.92
	PAPA	b	-.84	.83	11.09**	2.81**	1.89**	.38	-1.30	2.47**	1.81	.61*	.32	-.46	3.98	2.41**	8.68**
		SF	.95	1.29	1.17	1.00	.59	.69	.75	.85	.94	.29	.35	1.52	2.33	.36	.94

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

* p < .05
** p < .01

Table F4-IIIEF (continued)

MODEL/SITE	ANALYSIS[a]	STATISTIC	OUTCOME														
			Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS(-)	IARS(+)	Total Reading	Total Math	Language Part A	Language Part B
DIRECT INSTRUCTION/ Williamsburg Co., SC	PALA	b	10.22**	15.56**	13.52**	9.29**	.99	6.24**	8.59**	4.73*	6.66**	1.59*	5.28**	16.46**	22.62**	5.09**	8.43**
		SE	2.61	3.12	2.59	2.09	1.21	1.88	1.86	1.74	2.17	.79	.72	4.17	5.04	.92	2.05
	PAPA	b	12.15**	17.10**	14.64**	8.92**	1.31**	7.44**	9.25**	5.02**	6.82**	1.54**	5.22**	19.59**	23.20**	5.55**	9.09**
		SE	.97	1.22	.95	.76	.41	.58	.63	.53	.71	.28	.35	1.42	1.62	.40	.71
MATHEMAGENIC ACTIVITIES/ Gulfport, MS	PALA	b	-3.29	1.74	-1.83	4.22**	-.44	-2.71	.76	.87	-.21	-1.20*	-.35	-6.00*	5.84	-1.35*	-.48
		SE	1.79	2.00	1.57	1.30	.89	1.40	1.37	1.38	1.47	.58	.46	2.98	3.62	.62	1.21
	PAPA	b	-2.17*	.53	-2.46**	4.70**	-.12	-2.86**	.57	1.59*	2.07*	-1.19**	-.26	-5.03**	6.86**	-1.66**	-.80
		SE	.89	.98	.58	.66	.45	.64	.61	.63	.78	.26	.24	1.40	1.69	.28	.47
MATHEMAGENIC ACTIVITIES/ Pickens Co., GA	PALA	b	-2.08	-1.32	4.05	-.53	1.45	-3.32	1.67	-.63	-.26	-.88	.22	-5.41	.51	.36	3.69
		SE	2.74	3.06	2.40	1.98	1.36	2.14	2.10	2.10	2.24	.89	.69	4.56	5.54	.96	1.85
	PAPA	b	-3.80**	-3.99**	4.73**	1.02	.53	-5.57**	1.55	1.74	3.33**	-2.24**	-.99**	-9.37**	4.30	.29	4.44**
		SE	.98	1.02	.92	.87	.47	.94	.87	1.00	.90	.41	.27	1.77	2.47	.38	.75
MATHEMAGENIC ACTIVITIES/ Lee Co., VA	PALA	b	1.87	3.82*	1.93	3.23**	1.58	1.76	2.37	2.05	-.28	-.66	-0	3.63	7.65*	.69	1.25
		SE	1.61	1.80	1.41	1.17	.80	1.26	1.23	1.24	1.32	.52	.41	2.68	3.26	.57	1.09
	PAPA	b	2.32**	3.73**	1.97**	3.68**	1.44**	2.13**	2.72**	2.75**	-.02	-1.16**	-.03	4.46**	9.14**	.04	1.92**
		SE	.71	.74	.63	.49	.34	.55	.52	.52	.56	.22	.17	1.20	1.39	.24	.48

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

* $p < .05$
** $p < .01$

Table F4-IIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY MOREL/SITE BY ANALYSIS BY OUTCOME FOR COHORT II-EF

MODEL/SITE	ANALYSIS[a]	STATISTIC	OUTCOME																
			Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS(-)	IARS(+)	Total Reading	Total Math	Language Part A	Language Part B
BANK STREET/ Macon Co., AL	PALA	b	11.65	8.29	2.75	5.28	1.06	4.63	3.37	2.46	-1.97	.92	-1.38	16.28	11.11	2.01	.74
		SE	6.53	7.45	2.63	4.27	2.72	2.66	3.48	3.05	3.38	1.52	1.24	8.18	9.82	1.30	2.09
	PAPA	b	17.14**	13.79**	2.98**	5.06**	.90	6.43**	4.22**	3.74**	-.57	.52	-.80*	23.50**	13.02**	2.30**	.69
		SE	1.72	1.83	.69	1.08	.63	.76	.95	.89	.94	.35	.33	2.11	2.60	.31	.55
DIRECT INSTRUCTION/ E. St. Louis, IL	PALA	b	4.08	3.23	16.10**	7.86**	-1.94	3.49	5.61*	5.41*	5.03	.61	.58	7.57	18.88**	3.83**	12.26**
		SE	2.99	4.02	3.11	2.26	1.71	2.57	2.40	2.29	2.61	1.16	.84	5.13	6.07	1.14	2.38
	PAPA	b	5.82**	7.49**	16.04**	9.04**	-1.61**	4.78**	7.00**	6.69**	6.50**	1.15**	.69**	10.59**	22.74**	3.87**	12.15**
		SE	.89	1.25	.93	.89	.47	.66	.70	.80	.85	.32	.23	1.45	2.15	.36	.73
DIRECT INSTRUCTION/ Tupelo, MS	PALA	b	-9.20	-13.05	4.92	-4.20	-3.22	-10.47	-4.85	-10.81*	4.05	-2.12	-1.35	-19.66	-19.87	-1.21	6.13
		SE	6.31	8.50	6.57	4.77	3.61	5.43	5.06	4.84	5.52	2.45	1.77	10.83	12.83	2.41	5.03
	PAPA	b	-3.61**	1.48	-1.54	-6.50**	-3.26**	-4.83**	-3.11**	-7.64**	.49	-2.86**	-.68	-8.43**	-17.26**	-1.39**	-.19
		SE	1.03	1.66	1.62	.79	.76	.89	.85	.78	1.02	.49	.39	1.75	1.99	.45	1.29
DIRECT INSTRUCTION/ Williamsburg Co., SC	PALA	b	10.17*	8.47	14.75**	2.18	1.00	5.37	6.67*	3.64	5.72	.59	3.19**	15.55*	12.49	3.68*	11.06**
		SE	3.99	5.38	4.15	3.01	2.28	3.44	3.20	3.06	3.49	1.55	1.12	6.85	8.12	1.53	3.19
	PAPA	b	8.80**	7.32**	12.64**	2.29*	.84	4.18**	6.42**	2.94*	4.26*	.03	2.19**	12.87**	11.65**	3.12**	9.55**
		SE	1.55	2.04	2.32	1.05	1.41	1.31	1.20	1.11	1.57	.72	.63	2.27	2.28	.70	1.76
COGNITIVE CURRICULUM/ Leflore Co., MS	PALA	b	1.13	6.39*	-2.69	1.63	-.47	-1.06	1.42	-1.23	-2.05	.02	.89	.06	1.82	-.54	-2.15
		SE	1.91	2.75	1.68	1.62	1.28	1.26	1.46	1.32	1.84	.75	.77	2.85	3.70	.73	1.30
	PAPA	b	3.01*	7.29**	-1.33	1.85	.02	.92	1.92*	.04	-1.84	.33	.72	3.96*	3.82	-.34	-1.02
		SE	1.25	1.80	1.04	.99	.66	.85	.94	.81	.93	.41	.37	1.96	2.39	.43	.81

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

* p < .05
** p < .01

Table F4-IIEF (continued)

MODEL/SITE	ANALYSIS[a]	STATISTIC	OUTCOME														
			Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS(-)	IARS(+)	Total Reading	Total Math	Language Part A	Language Part B
PARENT EDUCATION/ Jonesboro, AR	PALA	b	2.62	5.37**	.86	1.57	1.30	2.09	2.06	2.43	3.24*	-.29	.77	4.72	6.07	1.39*	-.55
		SE	1.79	1.91	1.44	1.25	.90	1.26	1.32	1.23	1.48	.62	.50	2.84	3.38	.61	1.12
	PAPA	b	2.53**	5.42**	1.36	2.24**	1.11*	2.17**	2.19**	2.50**	1.84*	-.51	.50*	4.71**	6.93**	1.47**	-.11
		SE	.91	1.08	.91	.68	.41	.75	.73	.75	.75	.31	.21	1.54	1.94	.30	.73
PARENT EDUCATION/ Chattanooga, TN	PALA	b	.05	1.77	.30	.09	-.50	-.34	.15	-.45	-.60	-1.17	-.42	-.34	-.21	.48	-.20
		SE	1.61	1.73	1.30	1.13	.81	1.14	1.19	1.11	1.34	.56	.45	2.57	3.05	.55	1.01
	PAPA	b	.02	1.80	.09	.07	-.76	-.60	.10	-.51	-0	-.87*	-.41	-.61	-.34	.48	-.38
		SE	.94	.96	.60	.66	.51	.54	.68	.57	.84	.38	.31	1.37	1.67	.34	.46
PARENT EDUCATION/ Hillsborough, FL	PALA	b	3.19	1.77	1.67	2.17	.96	1.97	3.72	2.34	.79	.16	.13	5.45	8.23	.79	.71
		SE	2.85	3.06	2.31	2.00	1.44	2.01	2.11	1.96	2.37	.98	.80	4.55	5.40	.97	1.79
	PAPA	b	3.03	1.45	1.71	1.98	.27	.97	3.44*	2.34	2.01	.12	.35	4.39	7.77*	.61	.91
		SE	2.71	3.00	1.34	1.28	1.51	1.96	1.61	1.30	1.64	.63	.68	4.48	3.59	.81	.90
EDC/ Laurel, DE	PALA	b	-3.30*	-.36	.06	1.20	-0	-2.69*	-.27	-.47	-.49	.37	-.86*	-5.99**	.46	-.63	.69
		SE	1.32	1.51	1.16	.96	.58	.99	.96	.89	1.10	.41	.35	2.15	2.52	.46	.91
	PAPA	b	-2.46*	.41	.27	.92	-.09	-2.30**	-.44	-.86	.08	.49*	-.75**	-4.90**	-.38	-.49	.74
		SE	.96	1.04	.81	.66	.39	.69	.65	.58	.74	.24	.22	1.54	1.73	.30	.62
EDC/ Johnston Co., NC	PALA	b	-6.24**	-4.31	-1.61	-7.33**	.25	-4.37**	-3.87*	-4.58**	-4.24*	-.98	-1.01	-10.61**	-15.79**	-1.15	-.46
		SE	2.01	2.29	1.76	1.47	.88	1.50	1.46	1.35	1.66	.62	.53	3.26	3.82	.69	1.38
	PAPA	b	1.09	1.24	.89	-4.51**	.05	.08	.31	-.91	-.63	-.45	.15	1.19	-5.11**	1.70**	-.83*
		SE	.91	1.15	.62	.50	.46	.58	.64	.62	.68	.32	.30	1.33	1.50	.40	.38

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

* p < .05
** p < .01

Table F5-(2)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT II-K CHILDREN IN THE RESPONSIVE EDUCATION MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	-1.30	1.72	-1.16	1.28	-3.64*	1.50
Spelling	-.66	1.77	-1.21	1.49	-1.33	1.63
Language	-1.05	1.25	-.20	1.18	-1.11	1.25
Math Computations	-.55	1.14	-.32	1.02	-1.96	1.01
Raven's	-.15	.70	.04	.56	-.87	.59
Reading	-2.40*	1.19	-.36	1.08	-2.42	1.25
Math Concepts	-1.92	1.31	-1.53	.94	-1.92	1.20
Math Problem Solving	-.58	1.17	-1.06	.89	-1.19	1.13
Coopersmith	.11	1.54	.27	1.15	-2.58	1.38
IARS(-)	-.12	.52	.39	.41	.20	.49
IARS(+)	.21	.58	-.08	.40	-.59	.43
Total Reading	-3.70	2.69	-1.52	2.21	-6.05*	2.60
Total Math	-3.04	3.20	-2.90	2.53	-5.07	2.97
Language Part A	-.03	.55	-.36	.43	-.09	.48
Language Part B	-1.02	.99	.16	.96	-1.02	.97

* $p < .05$

Table F5-(3)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT II-K CHILDREN IN THE TEEM MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	-3.05	2.20	-3.61	2.78	-3.62	1.89
Spelling	-6.48*	2.69	-4.26	2.83	-3.61	2.16
Language	-2.94	1.58	-1.22	1.91	-1.23	1.59
Math Computations	-1.40	1.34	-1.08	1.93	-1.56	1.23
Raven's	.93	1.06	1.13	1.18	-.44	.78
Reading	-.82	1.53	-3.74	2.14	-3.81*	1.43
Math Concepts	-2.72	1.40	-1.22	1.85	-2.42	1.36
Math Problem Solving	.04	1.20	.11	1.87	-2.12	1.27
Coopersmith	-3.99*	1.78	.45	2.61	-.15	1.74
IARS(-)	-1.51*	.62	-2.61**	.89	-.80	.56
IARS(+)	-1.04	.81	-1.52	1.10	-1.15*	.56
Total Reading	-3.87	3.45	-7.34	4.62	-7.43*	3.13
Total Math	-4.09	3.24	-2.19	4.80	-6.10	3.44
Language Part A	-1.16	.74	-.88	.73	-.83	.55
Language Part B	-1.77	1.22	-.34	1.68	-.41	1.31

* $p < .05$
** $p < .01$

Table F5-(5)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT II-K CHILDREN IN THE BANK STREET MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	-.44	1.54	-1.83	1.51	-4.28*	1.65
Spelling	-3.95*	1.83	-5.81**	1.89	-7.00**	1.95
Language	-.64	1.29	.42	1.38	.60	1.36
Math Computations	.92	1.16	.60	1.17	-1.04	1.19
Raven's	-.99	.74	-.15	.79	-.53	.78
Reading	-.82	1.13	-1.59	1.20	-.66	1.18
Math Concepts	-.41	1.18	-.15	1.19	-1.22	1.14
Math Problem Solving	-.58	1.05	-.16	1.12	-1.38	1.08
Coopersmith	-.28	1.40	-1.65	1.37	-1.34	1.23
IARS(-)	.03	.53	-.77	.54	-.23	.51
IARS(+)	-.14	.64	.00	.49	.27	.48
Total Reading	-1.26	2.49	-3.42	2.52	-4.94	2.64
Total Math	-.07	2.97	.28	3.00	-3.64	2.91
Language Part A	-.28	.50	-.19	.51	.77	.54
Language Part B	-.36	1.02	.62	1.13	-.17	1.06

* p < .05
** p < .01

Table F5-(7)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT II-K CHILDREN IN THE DIRECT INSTRUCTION MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	-5.10*	1.89	.59	2.57	-1.56	2.25
Spelling	-7.08**	2.08	-.47	2.92	-2.11	2.62
Language	2.01	1.60	8.51**	2.37	4.07*	1.80
Math Computations	-.14	1.47	1.65	2.03	3.43*	1.51
Raven's	-1.64	.89	.23	1.28	-.41	.99
Reading	-2.10	1.36	2.30	2.05	.70	1.77
Math Concepts	-2.09	1.31	1.94	1.95	1.46	1.50
Math Problem Solving	-.87	1.27	2.54	1.91	.93	1.54
Coopersmith	1.15	1.48	.86	2.35	-.91	1.82
IARS(-)	.13	.64	.30	.92	-.51	.63
IARS(+)	-.47	.61	-.12	.83	-.39	.60
Total Reading	-7.20*	3.02	2.89	4.35	-.85	3.76
Total Math	-3.10	3.62	6.13	5.21	5.83	3.95
Language Part A	-.21	.60	1.24	.86	.52	.68
Language Part B	2.22	1.27	7.27**	1.92	3.54*	1.38

* $p < .05$

** $p < .01$

Table F5-(8)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT II-K CHILDREN IN THE BEHAVIOR ANALYSIS MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	-4.31**	1.34	-.43	3.19	-1.33	1.49
Spelling	-4.08*	1.64	-1.96	3.68	-.43	1.81
Language	-4.03**	.99	-3.10	2.60	-1.35	1.15
Math Computations	-.94	1.01	1.10	2.31	.00	1.13
Raven's	-1.23*	.59	-1.21	1.45	-1.34	.71
Reading	-3.15**	.93	-1.16	2.53	-.33	1.11
Math Concepts	-3.83**	1.00	-2.81	2.36	-.94	1.14
Math Problem Solving	-2.28*	.92	-2.96	2.24	-1.11	1.05
Coopersmith	-.47	1.09	1.14	2.50	-.68	1.21
IARS(-)	.16	.38	-.05	.98	.23	.49
IARS(+)	-.51	.44	-.44	.88	-.40	.53
Total Reading	-7.46**	2.10	-1.59	5.37	-1.66	2.42
Total Math	-7.05*	2.57	-4.67	6.06	-2.05	2.91
Language Part A	-1.44**	.43	-.33	.99	-.38	.46
Language Part B	-2.59**	.78	-2.77	2.10	-.97	.92

* $p < .05$
** $p < .01$

Table F5-(9)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT II-K CHILDREN IN THE COGNITIVE CURRICULUM MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	-2.38	2.02	-4.42	2.57	-5.64	3.81
Spelling	-1.84	2.53	-4.12	3.06	-8.23	4.74
Language	-6.24**	1.41	-3.30	2.37	-3.76	2.66
Math Computations	-5.35**	1.56	-5.83*	2.29	-5.31*	2.59
Raven's	-.37	.88	-1.50	1.33	-.99	1.95
Reading	-2.27	1.51	-2.53	2.08	-1.60	2.69
Math Concepts	-3.40*	1.55	-5.57*	2.15	-2.07	2.33
Math Problem Solving	-3.35*	1.41	-3.29	2.10	-3.27	2.54
Coopersmith	.01	1.77	-.81	2.39	-6.82*	3.15
IARS(-)	-.86	.65	-.43	.97	-1.44	1.19
IARS(+)	-.80	.85	.88	.79	-1.21	1.04
Total Reading	-4.65	3.30	-6.95	4.34	-7.24	6.11
Total Math	-12.09**	4.07	-14.69*	5.65	-10.65	6.37
Language Part A	-1.10	.64	-.58	.93	-1.21	1.09
Language Part B	-5.13**	1.11	-2.72	1.88	-2.55	2.13

* p < .05
** p < .01

Table F5-(10)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT II-K CHILDREN IN THE PARENT EDUCATION MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	3.96	4.09	1.26	2.16	-2.35	1.87
Spelling	.93	4.67	2.01	2.57	1.66	2.16
Language	-.47	2.80	-.48	1.56	-1.33	1.31
Math Computations	1.27	2.47	.61	1.51	.38	1.12
Raven's	.61	1.87	.15	1.02	-.44	.80
Reading	.86	2.72	.48	1.49	-.49	1.19
Math Concepts	1.06	2.39	1.66	1.55	.12	1.18
Math Problem Solving	-.21	1.96	1.23	1.46	-.15	1.06
Coopersmith	.95	2.92	-.37	2.13	-2.33	1.60
IARS(-)	-.29	1.17	-.21	.64	.60	.55
IARS(+)	-.43	1.31	-.46	.65	.67	.57
Total Reading	4.82	6.28	1.74	3.40	-2.85	2.85
Total Math	2.12	5.91	3.49	4.01	.35	2.93
Language Part A	1.11	1.15	.76	.74	.31	.60
Language Part B	-1.57	2.15	-1.23	1.19	-1.63	.96

Table F5-(11)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT II-K CHILDREN IN THE EDC MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	-6.75*	2.61	-6.17**	1.87	-5.58	2.94
Spelling	-9.17**	3.12	-10.84**	2.09	-7.18	3.84
Language	-3.56	2.38	-2.22	1.58	-.56	2.09
Math Computations	-4.23*	2.00	-.14	1.22	-1.13	1.96
Raven's	.92	1.64	-.98	1.00	.13	1.18
Reading	-5.96**	1.84	-2.97*	1.47	-1.48	1.84
Math Concepts	-3.64	2.15	-2.23	1.35	-3.66	2.12
Math Problem Solving	-3.71*	1.70	-2.16	1.27	-3.53*	1.72
Coopersmith	-.77	2.91	-3.99*	1.84	.81	2.52
IARS(-)	-1.88	1.16	-.73	.70	-2.55*	1.05
IARS(+)	-1.89	1.52	-1.48	.81	-3.13*	1.29
Total Reading	-12.71**	3.43	-9.14**	3.04	-7.06	4.52
Total Math	-11.59*	4.90	-4.53	3.17	-8.32	5.07
Language Part A	-1.09	1.12	-.88	.68	.39	.85
Language Part B	-2.47	1.77	-1.34	1.25	-.95	1.76

* $p < .05$
** $p < .01$

Table F5-(1)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT II-K CHILDREN IN THE SELF-SPONSORED MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	.17	2.37	-.73	1.81	-3.05	2.41
Spelling	-1.56	2.74	-1.17	2.14	-3.61	2.97
Language	-.87	1.89	-2.68	1.46	-1.92	1.82
Math Computations	.34	1.72	-.88	1.30	-1.37	1.68
Raven's	-.74	.95	-.78	.89	-.26	1.08
Reading	-.84	1.75	-.74	1.38	-.66	1.79
Math Concepts	.10	1.78	-2.58	1.30	-1.45	1.71
Math Problem Solving	-.24	1.63	-2.08	1.26	-2.82	1.44
Coopersmith	-.03	1.83	-.27	1.50	-.60	2.02
IARS(-)	.24	.70	-.27	.56	-.46	.78
IARS(+)	.81	.81	.05	.52	-.15	.83
Total Reading	-.67	3.84	-1.47	2.99	-3.71	3.91
Total Math	.21	4.59	-5.54	3.33	-5.65	4.14
Language Part A	-.51	.71	.09	.58	.30	.76
Language Part B	-.36	1.51	-2.76*	1.17	-2.22	1.45

* $p < .05$

Table F5-(13)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT II-K CHILDREN IN THE INTERDEPENDENT LEARNING MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	.46	3.85	-1.17	3.20	-4.41	5.63
Spelling	-3.37	4.63	-6.99	3.96	-12.56*	5.31
Language	-3.16	2.66	-3.03	2.79	-3.64	3.21
Math Computations	-5.86	3.14	-3.81	2.90	-.64	3.38
Raven's	-1.82	1.48	-2.75	1.61	-2.86	2.50
Reading	-2.96	2.76	-2.18	2.48	-1.00	4.21
Math Concepts	-3.83	3.15	-3.01	2.75	-3.11	2.51
Math Problem Solving	-2.83	2.83	-3.92	2.53	-2.58	3.12
Coopersmith	-6.13*	2.72	-3.38	2.83	-1.37	2.62
IARS(-)	-.12	1.01	.31	1.15	-.90	1.49
IARS(+)	-2.12	1.39	.42	.96	-1.90	1.09
Total Reading	-2.49	6.23	-3.35	5.23	-5.41	9.33
Total Math	-12.53	8.32	-10.75	7.19	-6.33	8.07
Language Part A	-.99	.97	-.95	1.06	-1.61	1.40
Language Part B	-2.17	2.11	-2.07	2.29	-2.03	2.41

* $p < .05$

Table F5-(14)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT II-K CHILDREN IN THE SEDL MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	-4.15	2.19	-1.67	2.57	-4.94*	1.88
Spelling	-5.74*	2.84	-3.81	2.98	-5.20*	2.46
Language	-1.15	1.73	-2.86	1.65	-.17	1.39
Math Computations	-1.93	1.59	1.38	1.69	-.15	1.39
Raven's	1.26	1.10	-1.45	1.02	-1.00	.85
Reading	-2.49	1.52	-1.43	1.67	-3.52**	1.25
Math Concepts	-2.13	1.57	-.33	1.78	-.90	1.30
Math Problem Solving	-2.54	1.35	-.68	1.69	-1.16	1.18
Coopersmith	-.88	1.98	-2.39	2.14	-.22	1.45
IARS(-)	.82	.71	1.05	.77	.12	.56
IARS(+)	-.45	.84	.10	.77	.45	.69
Total Reading	-6.64	3.44	-3.10	3.93	-8.46**	2.90
Total Math	-6.60	3.72	.37	4.39	-2.21	3.27
Language Part A	-.21	.82	-.96	.79	-.42	.59
Language Part B	-.95	1.31	-1.89	1.38	.25	1.17

* $p < .05$
** $p < .01$

Table F5-(21)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT II-K CHILDREN IN THE HOME-SCHOOL PARTNERSHIP MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	-10.00*	4.15	-10.31*	5.11	-15.72*	6.82
Spelling	-10.60*	4.94	-10.77	6.05	-9.91	8.07
Language	-13.21**	3.01	-5.26	4.53	-10.92	5.93
Math Computations	-5.46	3.51	-9.10*	4.26	-7.28	4.87
Raven's	-.09	1.66	-1.08	2.65	.29	3.67
Reading	-11.91**	3.16	-7.55	4.07	-10.59	5.47
Math Concepts	-7.02	3.62	-5.89	4.12	-2.90	3.59
Math Problem Solving	-5.09	3.27	-6.34	3.98	-7.19	5.12
Coopersmith	1.50	3.09	-3.04	4.51	-12.29**	3.88
IARS(-)	-.39	1.34	-3.83	1.94	-1.33	2.26
IARS(+)	-.40	1.59	-1.71	1.78	3.15	1.60
Total Reading	-21.90**	6.81	-17.86*	8.50	-26.31*	11.80
Total Math	-17.58	9.58	-21.34	10.86	-17.36	11.86
Language Part A	-4.10**	1.10	-1.70	1.69	-2.24	2.37
Language Part B	-9.11**	2.47	-3.56	3.77	-8.68*	4.23

* $p < .05$
** $p < .01$

Table F5-(22)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE)
BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY
IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS
FOR COHORT II-K CHILDREN IN THE CALIFORNIA PROCESS MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	6.94*	3.03	-4.93	3.42	-.02	2.94
Spelling	2.11	3.44	-1.80	3.80	-5.61	2.99
Language	2.50	1.80	-3.64	2.29	-2.33	2.03
Math Computations	2.65	2.38	2.76	2.22	-.49	1.83
Raven's	3.86*	1.41	2.08	1.50	1.59	1.20
Reading	2.88	2.05	-3.96	2.45	-.12	2.14
Math Concepts	2.97	2.04	-2.84	2.26	-1.45	2.07
Math Problem Solving	.98	1.80	-1.04	2.10	1.20	1.85
Coopersmith	3.30	2.47	-2.18	2.17	1.75	2.87
IARS(-)	.14	.94	-.40	1.01	1.69	.87
IARS(+)	.85	1.00	-1.37	1.06	-.50	.68
Total Reading	9.82*	4.74	-8.90	5.55	-.15	4.75
Total Math	6.61	5.38	-1.12	5.81	-.75	5.05
Language Part A	1.68	.97	-1.05	1.10	-.36	.98
Language Part B	.82	1.20	-2.60	1.64	-1.98	1.41

* $p < .05$

Table F5-(2)-IIIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT III-EF CHILDREN IN THE RESPONSIVE EDUCATION MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	-1.58	3.38	2.31	1.87	-5.24	3.57
Spelling	-3.36	4.38	.92	2.18	-8.85*	3.67
Language	-.46	2.74	3.45	1.85	-1.36	2.94
Math Computations	-.10	2.33	2.65	1.38	-2.73	2.47
Raven's	-1.79	1.79	.75	.86	-.04	1.59
Reading	.20	2.31	3.50*	1.53	-2.07	2.40
Math Concepts	.28	2.09	1.80	1.44	-2.09	2.68
Math Problem Solving	-.41	2.06	2.60	1.32	-.62	2.34
Coopersmith	-1.59	3.21	.04	1.35	-1.39	2.52
IARS(-)	-1.50	1.38	.23	.60	-.23	1.27
IARS(+)	-.24	1.16	.46	.50	.48	1.00
Total Reading	-1.38	5.15	5.81	3.23	-7.31	5.45
Total Math	-.24	5.56	7.04	3.73	-5.45	6.66
Language Part A	.68	1.24	.77	.73	.23	1.21
Language Part B	-1.15	2.01	2.68	1.41	-1.59	2.21

* p < .05

Table F5-(3)-IIIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE)
BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY
IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS
FOR COHORT III-EF CHILDREN IN THE TEEM MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	-.42	1.33	-.60	1.37	-1.33	2.02
Spelling	-1.20	1.82	-1.80	1.47	-1.84	2.24
Language	-1.07	1.03	1.00	1.10	1.65	1.57
Math Computations	.93	1.12	1.30	.87	.99	1.23
Raven's	.66	.77	.16	.58	.80	.90
Reading	-.13	.99	-.47	1.01	-.08	1.50
Math Concepts	-.63	1.06	-.06	.88	.55	1.30
Math Problem Solving	.02	.93	.18	.86	.77	1.31
Coopersmith	-1.88	1.31	-1.31	1.08	-2.48	1.60
IARS(-)	-1.04*	.49	-.14	.42	-.50	.61
IARS(+)	-.30	.46	-.27	.32	-.40	.56
Total Reading	-.55	2.10	-1.07	2.22	-1.40	3.31
Total Math	.31	2.65	1.42	2.31	2.31	3.32
Language Part A	-.71	.51	.34	.45	.49	.67
Language Part B	-.36	.78	.66	.85	1.16	1.21

* $p < .05$

Table F5-(7)-IIIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT III-EF CHILDREN IN THE DIRECT INSTRUCTION MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	6.55*	2.49	3.86*	1.90	-5.94	6.30
Spelling	4.73	3.34	2.58	2.32	-10.77	6.74
Language	15.93**	2.67	12.81**	1.77	10.03	5.88
Math Computations	6.47**	2.04	5.66**	1.52	6.62	4.50
Raven's	1.46	1.36	-.12	.85	-.35	2.24
Reading	4.37*	1.72	3.09*	1.33	-4.54	5.06
Math Concepts	5.96**	1.78	6.06**	1.36	-.10	4.48
Math Problem Solving	4.62*	1.74	3.55**	1.20	1.09	4.25
Coopersmith	.73	2.23	1.71	1.53	-2.89	5.03
IARS(-)	.29	.78	1.22*	.59	.78	1.60
IARS(+)	1.34	.76	3.08**	.56	-1.21	1.33
Total Reading	10.92**	3.96	6.95*	2.99	-10.48	10.70
Total Math	17.05**	4.96	15.27**	3.61	7.60	11.91
Language Part A	4.08**	.94	4.06**	.66	.21	1.78
Language Part B	11.85**	2.03	8.75**	1.42	9.81*	4.65

* $p < .05$
** $p < .01$

Table F5-(6)-IIIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT III-EF CHILDREN IN THE MATHEMAGENIC ACTIVITIES MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	-.57	2.37	.24	1.72	-2.64	2.65
Spelling	1.34	2.66	2.19	1.87	1.29	2.96
Language	-.07	1.88	2.66	1.57	-.80	2.20
Math Computations	3.30	1.80	3.79**	1.23	1.38	1.78
Raven's	1.13	1.25	1.22	.83	.16	1.36
Reading	-1.67	1.82	.44	1.39	-2.55	1.83
Math Concepts	1.95	1.88	2.96*	1.28	-.75	1.94
Math Problem Solving	3.19	1.89	2.04	1.31	-1.23	1.86
Coopersmith	.61	2.00	-.01	1.39	-1.93	1.95
IARS(-)	-1.40	.78	-.73	.55	-1.05	.83
IARS(+)	-.62	.58	.13	.43	-.04	.68
Total Reading	-2.24	3.85	.68	2.93	-5.19	4.17
Total Math	8.44	4.94	8.79*	3.44	-.60	4.96
Language Part A	-.32	.92	-.10	.60	-.20	.86
Language Part B	.25	1.36	2.76*	1.23	-.60	1.69

* $p < .05$
** $p < .01$

Table F5-(5)-IIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT II-EF CHILDREN IN THE BANK STREET MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool[a]		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	13.48	9.09			2.34	4.56
Spelling	12.26	10.59			-8.74	7.00
Language	1.87	3.65			2.78	5.21
Math Computations	7.42	5.83			.80	6.96
Raven's	.95	3.54			-.41	4.61
Reading	5.81	3.45			-2.86	4.54
Math Concepts	3.33	4.57			-4.62	6.21
Math Problem Solving	2.88	3.97			-5.49	4.25
Coopersmith	-3.49	4.64			-2.27	7.30
IARS(-)	.54	2.09			.54	3.20
IARS(+)	-.99	1.90			-3.79**	.75
Total Reading	19.29	10.91			-.52	8.82
Total Math	13.63	13.13			-9.31	15.02
Language Part A	2.29	1.97			1.41	1.22
Language Part B	-.42	2.87			1.37	4.50

[a] In this Model there was only one child in this category.

** $p < .01$

Table F5-(7)-IIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE)
BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY
IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS
FOR COHORT II-EF CHILDREN IN THE DIRECT INSTRUCTION MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	5.69*	2.78	15.83	9.41	2.75	12.37
Spelling	5.76	4.12	8.36	11.25	1.95	13.39
Language	16.63**	3.24	6.44	7.76	3.72	9.76
Math Computations	5.43*	2.33	1.53	7.88	5.21	5.97
Raven's	-1.40	1.87	2.61	3.89	-2.06	5.10
Reading	2.37	2.25	9.04	9.30	8.48	11.74
Math Concepts	5.75*	2.38	4.10	7.11	8.84	7.78
Math Problem Solving	3.36	2.38	2.49	7.60	4.31	7.13
Coopersmith	5.90*	2.66	6.03	9.05	4.71	7.00
IARS(-)	.58	1.26	4.85	3.57	-2.67	2.53
IARS(+)	.91	.93	3.77	2.33	4.63*	1.97
Total Reading	8.06	4.62	24.87	17.32	11.23	22.74
Total Math	14.53*	6.24	8.12	19.86	18.36	19.25
Language Part A	3.95**	1.26	2.31	2.46	-.24	3.10
Language Part B	12.68**	2.41	4.14	6.56	3.96	7.87

* p < .05
** p < .01

Table F5-(9)-IIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT II-EF CHILDREN IN THE COGNITIVE CURRICULUM MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool[a]		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	1.42	2.11			-2.03	5.18
Spelling	6.28*	2.86			3.96	12.27
Language	-3.41	1.79			-1.04	5.25
Math Computations	1.54	1.80			-.36	5.74
Raven's	-.48	1.45			-.68	3.58
Reading	-1.24	1.37			-.83	4.17
Math Concepts	1.62	1.50			-3.24	5.40
Math Problem Solving	-1.49	1.42			.29	5.67
Coopersmith	-1.07	2.03			-8.49	5.42
IARS(-)	.29	.86			.26	1.17
IARS(+)	.82	.85			1.88	3.14
Total Reading	.18	3.11			-2.86	8.15
Total Math	1.67	3.98			-3.30	13.49
Language Part A	-.49	.77			-2.90	2.48
Language Part B	-2.92*	1.40			1.86	3.72

[a] In this Model there were no children in this category.

* $p < .05$

Table F5-(10)-IIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT II-EF CHILDREN IN THE PARENT EDUCATION MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	2.34	1.61	.67	2.19	1.61	2.36
Spelling	2.95	1.76	2.21	2.15	5.76	2.95
Language	1.51	1.14	.79	1.82	-1.27	2.14
Math Computations	1.44	1.16	1.20	1.43	-.39	1.71
Raven's	-.31	.89	.92	1.00	1.13	1.17
Reading	.88	1.13	.86	1.54	.41	1.71
Math Concepts	1.70	1.31	1.30	1.51	.49	1.72
Math Problem Solving	.82	1.14	2.04	1.41	-.64	1.74
Coopersmith	1.42	1.38	.67	1.72	1.79	2.02
IARS(-)	-.12	.57	-.95	.69	-1.43	.83
IARS(+)	-.06	.51	.15	.54	-.09	.63
Total Reading	3.22	2.49	1.70	3.56	2.02	3.85
Total Math	3.96	3.17	4.53	3.94	-.54	4.56
Language Part A	.65	.54	1.02	.76	1.20	.82
Language Part B	.80	.85	-.23	1.41	-2.47	1.72

Table F5-(11)-IIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED LOCAL ANALYSIS FOR COHORT II-EF CHILDREN IN THE EDC MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start		Some Preschool		No Preschool	
	b	SE	b	SE	b	SE
Word Knowledge	-2.64	2.05	-3.98*	1.58	-8.78*	3.44
Spelling	-2.60	2.79	.46	1.66	-9.52*	3.66
Language	-1.32	1.57	.48	1.47	-4.76	3.17
Math Computations	-.23	1.44	.07	1.18	-7.78**	2.81
Raven's	.18	1.30	-.13	.58	.37	1.20
Reading	-1.92	1.48	-3.19*	1.17	-6.35*	2.54
Math Concepts	-1.22	1.61	-.46	1.10	-4.55	2.64
Math Problem Solving	-.24	1.40	-.79	1.05	-6.90**	2.37
Coopersmith	-2.61	1.91	-.27	1.27	-4.18	2.75
IARS(-)	.19	.77	.26	.46	-.93	1.09
IARS(+)	-1.37	.75	-.77*	.33	-1.41	.92
Total Reading	-4.56	3.12	-7.17**	2.57	-15.13*	5.72
Total Math	-1.69	3.83	-1.18	3.02	-19.23**	6.80
Language Part A	-.97	.92	-.38	.47	-2.98*	1.20
Language Part B	-.35	1.04	.86	1.22	-1.78	2.33

* $p < .05$
** $p < .01$

Table F6-(2)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-K CHILDREN IN THE RESPONSIVE EDUCATION MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 153)		Some Preschool (N = 141)		No Preschool (N = 62)	
	b	SE	b	SE	b	SE
Word Knowledge	-.03	.77	-1.02	.83	-3.69**	1.25
Spelling	.37	.77	-.84	.94	-2.05	1.27
Language	-1.35*	.56	-.52	.65	-1.38	1.02
Math Computations	-.19	.57	-.38	.61	-2.66**	.84
Raven's	.97*	.37	-.18	.36	-1.20*	.48
Reading	-1.74**	.52	-.49	.65	-2.53*	.96
Math Concepts	-1.75*	.64	-1.31*	.56	-2.60*	.97
Math Problem Solving	-1.00	.54	-1.13*	.55	-1.70	.86
Coopersmith	.39	.73	.58	.68	-2.81**	.92
IARS(-)	-.73**	.24	.36	.24	.29	.33
IARS(+)	-.12	.26	-.07	.26	-.34	.35
Total Reading	-1.76	1.19	-1.51	1.40	-6.22**	2.12
Total Math	-2.94	1.57	-2.82	1.53	-6.96**	2.36
Language Part A	.07	.25	-.40	.25	-.33	.37
Language Part B	-1.43**	.46	-.12	.50	-1.05	.80

* $p < .05$
** $p < .01$

Table F6-(3)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE)
BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY
IN THE PRESCHOOL BLOCKED POOLED ANALYSIS
FOR COHORT II-K CHILDREN IN THE TEEM MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 152)		Some Preschool (N = 45)		No Preschool (N = 60)	
	b	SE	b	SE	b	SE
Word Knowledge	1.73	.93	2.27	1.32	-5.68**	1.12
Spelling	.09	1.14	2.07	1.29	-7.17**	1.38
Language	-2.20**	.55	2.22*	.88	-.51	.88
Math Computations	-.42	.44	1.61	.99	-3.30**	.82
Raven's	2.83**	.39	2.48**	.70	-.90	.48
Reading	1.48*	.58	1.71	1.29	-5.53**	.92
Math Concepts	-.71	.50	.33	.88	-2.95**	.84
Math Problem Solving	.99*	.42	1.21	.92	-4.07**	.84
Coopersmith	-3.57**	.68	-2.65*	1.24	-.05	1.04
IARS(-)	-.96**	.22	-2.29**	.49	-.61	.33
IARS(+)	-.58*	.27	-3.01**	.73	-1.84**	.45
Total Reading	3.21*	1.43	3.98	2.37	-11.21**	1.93
Total Math	-.14	1.09	3.15	2.43	-10.33**	2.23
Language Part A	.60	.31	-.43	.38	-.85*	.33
Language Part B	-2.80**	.41	2.66**	.76	.33	.72

* $p < .05$
** $p < .01$

Table F6-(5)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-K CHILDREN IN THE BANK STREET MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 153)		Some Preschool (N = 77)		No Preschool (N = 58)	
	b	SE	b	SE	b	SE
Word Knowledge	-.28	.63	-1.62	.86	-3.94**	1.27
Spelling	-3.68**	.72	-6.15**	1.10	-7.16**	1.45
Language	-1.02	.66	.75	.80	.16	.99
Math Computations	-.88	.50	.06	.72	-1.18	1.04
Raven's	1.70**	.37	.16	.46	-.53	.61
Reading	-.34	.49	-1.18	.72	-.48	.98
Math Concepts	-.84	.46	-.39	.67	-1.01	.93
Math Problem Solving	-.76	.42	-.17	.62	-1.73	.90
Coopersmith	-.06	.60	-1.52*	.74	-1.37	.93
IARS(-)	-.17	.22	-.78*	.31	-.13	.35
IARS(+)	.07	.27	-.14	.28	.18	.31
Total Reading	-.63	1.05	-2.80	1.48	-4.42*	2.11
Total Math	-2.48*	1.16	-.49	1.70	-3.92	2.42
Language Part A	-.29	.24	-.08	.31	.75	.45
Language Part B	-.73	.53	.83	.65	-.59	.76

* $p < .05$
** $p < .01$

Table F6-(7)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-K CHILDREN IN THE DIRECT INSTRUCTION MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 127)		Some Preschool (N = 99)		No Preschool (N = 35)	
	b	SE	b	SE	b	SE
Word Knowledge	-5.27**	.88	1.20	.88	-1.16	1.04
Spelling	-7.99**	.92	.36	.98	-1.93	1.42
Language	1.53	.79	8.17**	1.09	5.84**	1.44
Math Computations	.55	.63	3.82**	.89	4.16**	.94
Raven's	1.66**	.48	-.67	.43	-.21	.67
Reading	-2.59**	.55	1.30	.69	1.59	1.02
Math Concepts	-1.32*	.51	2.49**	.68	1.94*	.95
Math Problem Solving	-.39	.47	2.89**	.65	1.88	1.09
Coopersmith	-1.03	.68	1.91*	.78	-1.06	1.21
IARS(-)	.15	.27	.10	.29	-.79	.44
IARS(+)	-.66*	.25	-.66*	.28	-.32	.35
Total Reading	-7.87**	1.33	2.49	1.50	.43	1.91
Total Math	-1.16	1.43	9.20**	2.01	7.98**	2.55
Language Part A	-.42	.27	1.60**	.31	.99	.51
Language Part B	1.94**	.62	6.57**	.87	4.85**	1.04

* p < .05
** p < .01

Table F6-(8)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-K CHILDREN IN THE BEHAVIOR ANALYSIS MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 172)		Some Preschool (N = 43)		No Preschool (N = 72)	
	b	SE	b	SE	b	SE
Word Knowledge	-3.58**	.72	.35	1.84	-1.25	.98
Spelling	-3.36**	.89	-1.06	2.22	-.13	1.24
Language	-3.42**	.52	-2.08	1.26	-1.46	.84
Math Computations	-.40	.57	2.16	1.19	.19	.86
Raven's	.54	.34	-.99	.66	-1.29*	.48
Reading	-2.26**	.48	-.37	1.42	-.68	.81
Math Concepts	-3.62**	.52	-1.69	1.14	-1.16	.92
Math Problem Solving	-1.89**	.47	-1.21	1.04	-1.36	.81
Coopersmith	-.91	.61	1.38	1.11	-.04	.92
IARS(-)	.01	.19	.02	.36	.34	.33
IARS(+)	-.56**	.20	-.49	.41	-.27	.34
Total Reading	-5.84**	1.11	-.02	3.11	-1.93	1.68
Total Math	-5.92**	1.37	-.75	2.97	-2.33	2.33
Language Part A	-1.36**	.24	-.25	.52	-.21	.35
Language Part B	-2.06**	.40	-1.83*	.91	-1.24	.64

* p < .05
** p < .01

Table F6-(9)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-K CHILDREN IN THE COGNITIVE CURRICULUM MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 56)		Some Preschool (N = 35)		No Preschool (N = 21)	
	b	SE	b	SE	b	SE
Word Knowledge	-1.50	1.14	-3.07*	1.35	-8.37**	1.38
Spelling	-1.53	1.49	-5.04**	1.50	-9.68**	1.85
Language	-5.43**	.74	-1.99	1.27	-5.61**	.77
Math Computations	-4.07**	.75	-6.51**	1.17	-5.72**	1.06
Raven's	2.02**	.55	-.22	.68	-.62	.90
Reading	-1.90*	.70	-1.27	1.05	-2.59*	1.00
Math Concepts	-2.57**	.71	-5.03**	1.11	-4.57**	.89
Math Problem Solving	-2.41**	.63	-2.09	1.15	-3.31**	.78
Coopersmith	-1.12	1.15	-.47	1.22	-3.19	1.60
IARS(-)	-.77*	.35	-.82	.49	-1.31*	.61
IARS(+)	-1.03*	.43	.35	.44	-2.31**	.69
Total Reading	-3.40	1.72	-4.34	2.29	-10.95**	2.01
Total Math	-9.05**	1.85	-13.62**	2.84	-13.61**	1.86
Language Part A	-.91	.46	-.33	.53	-2.07**	.42
Language Part B	-4.52**	.52	-1.66	.88	-3.54**	.66

* $p < .05$
** $p < .01$

Table F6-(10)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-K CHILDREN IN THE PARENT EDUCATION MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 76)		Some Preschool (N = 63)		No Preschool (N = 55)	
	b	SE	b	SE	b	SE
Word Knowledge	4.91**	1.34	1.21	1.27	-1.97	1.53
Spelling	3.25*	1.41	2.56	1.62	1.90	1.70
Language	.38	.87	-.19	.96	-.86	.97
Math Computations	2.36**	.68	.55	.94	.33	.87
Raven's	3.39**	.67	-.50	.53	-.49	.56
Reading	2.81**	.97	.35	.92	-.06	.94
Math Concepts	1.86*	.72	1.69*	.84	.39	.95
Math Problem Solving	.48	.59	1.02	.79	.54	.83
Coopersmith	1.57	.93	.50	1.31	-2.71	1.41
IARS(-)	-.48	.28	.14	.33	.58	.37
IARS(+)	-1.09**	.37	.20	.39	.46	.44
Total Reading	7.72**	2.19	1.56	2.05	-2.04	2.32
Total Math	4.70*	1.77	3.26	2.36	1.27	2.36
Language Part A	1.72**	.38	1.19*	.45	.11	.48
Language Part B	-1.35*	.63	-1.38	.73	-.97	.65

* p < .05
** p < .01

Table F6-(11)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-K CHILDREN IN THE EDC MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 51)		Some Preschool (N = 50)		No Preschool (N = 22)	
	b	SE	b	SE	b	SE
Word Knowledge	-6.52**	.98	-6.92**	1.17	-5.01*	2.24
Spelling	-9.40**	1.24	-12.05**	1.35	-7.09**	2.55
Language	-2.87**	.73	-3.16**	1.06	-1.53	1.17
Math Computations	-3.64**	.66	-1.09	.80	-.61	1.43
Raven's	3.44**	.60	-.69	.66	.04	.82
Reading	-5.79**	.72	-3.36**	1.04	-1.34	1.55
Math Concepts	-3.62**	.71	-3.06**	.87	-3.20	1.88
Math Problem Solving	-3.58**	.57	-2.73**	.77	-3.08	1.55
Coopersmith	-1.32	1.24	-4.87**	1.18	1.86	1.63
IARS(-)	-1.68**	.44	-1.01*	.43	-2.20*	.90
IARS(+)	-.66	.51	-1.62**	.55	-2.71*	1.18
Total Reading	-12.31**	1.29	-10.28**	2.05	-6.35	3.61
Total Math	-10.84**	1.61	-6.88**	2.08	-6.89	4.50
Language Part A	-1.52**	.38	-1.19*	.46	.24	.64
Language Part B	-1.36*	.61	-1.97*	.76	-1.77	.95

* p < .05
** p < .01

Table F6-(1)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-K CHILDREN IN THE SELF-SPONSORED MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 104)		Some Preschool (N = 86)		No Preschool (N = 27)	
	b	SE	b	SE	b	SE
Word Knowledge	-.61	1.10	-.75	.98	-3.03	1.53
Spelling	-3.37*	1.43	-1.70	1.21	-4.18	2.20
Language	-1.87*	.79	-3.14**	.70	-2.32*	1.05
Math Computations	-.50	.69	-1.08	.70	-2.33*	.95
Raven's	.62	.38	-1.13*	.54	-.55	.74
Reading	-.55	.80	-.81	.70	-.99	1.24
Math Concepts	-.12	.73	-3.22**	.67	-2.48	1.51
Math Problem Solving	-.54	.64	-2.48**	.63	-3.59**	1.07
Coopersmith	-2.13**	.83	-.34	.76	-.68	1.86
IARS(-)	-.06	.29	-.36	.28	-.46	.47
IARS(+)	.04	.37	-.04	.31	-.33	.60
Total Reading	-1.16	1.79	-1.55	1.58	-4.02	2.53
Total Math	-1.16	1.81	-6.78**	1.65	-8.40*	3.12
Language Part A	-1.06**	.32	-.16	.33	-.03	.54
Language Part B	-.81	.62	-2.98**	.52	-2.28**	.75

* p < .05
** p < .01

Table F6-(13)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE)
BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY
IN THE PRESCHOOL BLOCKED POOLED ANALYSIS
FOR COHORT II-K CHILDREN IN THE INTERDEPENDENT LEARNING MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 15)		Some Preschool (N = 21)		No Preschool (N = 10)	
	b	SE	b	SE	b	SE
Word Knowledge	-.07	2.60	.17	1.88	-3.90	2.88
Spelling	-3.00	3.74	-6.68*	2.58	-11.29**	2.84
Language	-4.15**	1.47	-2.60	1.35	-3.10**	1.09
Math Computations	-6.55**	1.96	-4.53*	1.85	-3.17	1.84
Raven's	-.25	1.21	-2.11*	.86	-1.43	1.53
Reading	-3.33*	1.40	1.23	1.09	-2.85	1.91
Math Concepts	-4.62*	1.86	-2.95	1.78	-5.82**	1.46
Math Problem Solving	-3.45*	1.57	-3.86*	1.45	-4.63**	1.28
Coopersmith	-5.60**	1.82	-3.23*	1.55	-1.63	1.80
IARS(-)	-.98	.50	.44	.50	-1.23	.62
IARS(+)	-2.55**	.87	.48	.52	-.88*	.37
Total Reading	-3.40	3.73	-1.05	2.62	-6.74	4.41
Total Math	-14.61**	4.63	-11.35*	4.45	-13.61**	4.12
Language Part A	-.98	.74	-.72	.61	-1.22*	.61
Language Part B	-3.17**	1.03	-1.87	.96	-1.88*	.93

* $p < .05$
** $p < .01$

Table F6-(14)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-K CHILDREN IN THE SEDL MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 161)		Some Preschool (N = 43)		No Preschool (N = 50)	
	b	SE	b	SE	b	SE
Word Knowledge	-4.83**	.58	-2.72*	1.29	-4.92**	1.12
Spelling	-5.31**	.76	-5.02**	1.65	-5.45**	1.59
Language	-.82	.47	-2.88**	.76	2.29**	.80
Math Computations	-2.71**	.48	.70	.89	-.41	.87
Raven's	3.41**	.37	-2.26**	.56	-1.79**	.58
Reading	-1.98**	.41	-.86	.79	-3.52**	.72
Math Concepts	-3.92**	.51	-1.09	.81	-1.91*	.77
Math Problem Solving	-3.98**	.41	-.69	.79	-1.93*	.76
Coopersmith	-2.45**	.62	-3.21*	1.21	-2.63**	.95
IARS(-)	1.21**	.20	1.03*	.39	-.33	.31
IARS(+)	-.63**	.22	-.64	.46	-.25	.41
Total Reading	-6.81**	.90	-3.58	1.83	-8.44**	1.70
Total Math	-10.62**	1.18	-1.08	2.12	-4.25*	1.92
Language Part A	-.23	.22	-1.07*	.40	-.73	.38
Language Part B	-.59	.36	-1.81**	.62	3.02**	.66

* p < .05
** p < .01

Table F6-(21)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-K CHILDREN IN THE HOME-SCHOOL PARTNERSHIP MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 10)		Some Preschool (N = 8)		No Preschool (N = 5)	
	b	SE	b	SE	b	SE
Word Knowledge	-8.98*	3.30	-8.49*	3.36	-13.23**	4.58
Spelling	-10.72**	3.67	-8.09*	3.39	-16.09**	3.26
Language	-13.20**	1.36	-4.26	2.48	-7.44*	3.50
Math Computations	-6.75**	1.66	-7.95*	2.99	-10.78**	2.22
Raven's	.50	1.21	-1.50	1.88	-1.90	1.58
Reading	-10.94**	1.82	-6.25**	2.27	-7.95*	3.38
Math Concepts	-8.21**	1.97	-5.05*	1.98	-3.95	3.21
Math Problem Solving	-5.74**	1.39	-5.84**	1.93	-6.55*	2.71
Coopersmith	.88	1.75	-2.76	2.44	-8.53*	3.77
IARS(-)	-.41	1.03	-3.23*	1.37	-1.09	.60
IARS(+)	-.48	.63	-1.26	2.14	.82	.62
Total Reading	-19.92**	4.76	-14.74**	5.37	-21.18*	7.78
Total Math	-20.71**	4.00	-18.84**	6.04	-21.27**	6.97
Language Part A	-4.33**	1.05	-1.43	1.04	-2.86*	1.35
Language Part B	-8.87**	.56	-2.83	1.69	-4.58*	2.28

* p < .05
** p < .01

Table F6-(22)-IIK

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-K CHILDREN IN THE CALIFORNIA PROCESS MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 99)		Some Preschool (N = 87)		No Preschool (N = 27)	
	b	SE	b	SE	b	SE
Word Knowledge	3.95**	.98	-6.11**	1.29	2.70	1.87
Spelling	-.38	1.07	-1.41	1.14	-1.78	1.96
Language	-.61	.65	-2.89**	.84	-.05	1.14
Math Computations	1.53	.78	.75	.79	1.18	1.23
Raven's	4.73**	.42	1.95**	.50	1.14	.81
Reading	-.36	.68	-6.68**	1.04	.82	1.25
Math Concepts	.22	.68	-2.72**	.76	-1.57	1.42
Math Problem Solving	-1.09	.56	-2.07*	.76	1.33	1.04
Coopersmith	2.50**	.73	-1.19	.71	1.03	1.78
IARS(-)	-.01	.27	-.57	.30	1.97**	.65
IARS(+)	.56	.29	-1.68**	.36	-.37	.54
Total Reading	3.58*	1.56	-12.79**	2.22	3.53	2.82
Total Math	.66	1.75	-4.04	2.09	.94	3.12
Language Part A	.41	.31	-.56	.36	.07	.52
Language Part B	-1.02*	.45	-2.34**	.59	-.12	.84

* $p < .05$
** $p < .01$

Table F6-(2)-IIIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT III-EF CHILDREN IN THE RESPONSIVE EDUCATION MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 164)		Some Preschool (N = 92)		No Preschool (N = 46)	
	b	SE	b	SE	b	SE
Word Knowledge	-3.33**	.60	-1.15	1.20	-6.29**	1.36
Spelling	-7.15**	.78	-3.26*	1.45	-10.22**	1.45
Language	-2.01**	.49	.28	1.00	-5.43**	1.41
Math Computations	-1.84**	.44	.87	.72	-6.84**	1.21
Raven's	-1.94**	.34	-.03	.46	-1.58*	.68
Reading	-1.45**	.43	1.11	.87	-4.41**	1.18
Math Concepts	-2.76**	.47	-.36	.80	-6.01**	1.37
Math Problem Solving	-2.28**	.42	.41	.76	-3.98**	1.18
Coopersmith	-1.10	.61	-.90	.72	-3.42**	1.04
IARS(-)	-3.31**	.29	-.42	.33	.34	.51
IARS(+)	-.21	.21	.16	.28	.17	.38
Total Reading	-4.78**	.93	-.04	1.98	-10.70**	2.29
Total Math	-6.88**	1.15	.93	2.11	-16.83**	3.51
Language Part A	-.31	.23	-.36	.40	-.69	.48
Language Part B	-1.70**	.36	.64	.74	-4.75**	1.10

* p < .05
** p < .01

Table F6-(3)-IIIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT III-EF CHILDREN IN THE TEEM MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 152)		Some Preschool (N = 194)		No Preschool (N = 72)	
	b	SE	b	SE	b	SE
Word Knowledge	-4.56**	.76	-.28	.67	-1.53	1.15
Spelling	-6.47**	1.03	-1.52*	.72	-1.38	1.27
Language	-.89	.48	.94	.50	1.71	.86
Math Computations	-1.01	.54	.51	.45	.52	.68
Raven's	.14	.37	.26	.30	1.11*	.49
Reading	-2.02**	.53	-.19	.46	-.30	.80
Math Concepts	-4.21**	.63	-.04	.43	.44	.74
Math Problem Solving	-1.47**	.51	.37	.40	.41	.72
Coopersmith	-2.74**	.61	-1.15*	.56	-2.98**	.98
IARS(-)	-1.36**	.23	-.09	.22	-.37	.39
IARS(+)	-.81**	.22	-.46**	.16	-.48	.35
Total Reading	-6.58**	1.20	-.47	1.04	-1.82	1.85
Total Math	-6.69**	1.45	.84	1.13	1.37	1.90
Language Part A	-1.68**	.24	.20	.23	.67	.39
Language Part B	.80*	.36	.73	.37	1.04	.64

* p < .05
** p < .01

Table F6-(7)-IIIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE)
BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY
IN THE PRESCHOOL BLOCKED POOLED ANALYSIS
FOR COHORT III-EF CHILDREN IN THE DIRECT INSTRUCTION MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 79)		Some Preschool (N = 157)		No Preschool (N = 21)	
	b	SE	b	SE	b	SE
Word Knowledge	3.21*	1.19	5.35**	.77	-.66	1.71
Spelling	3.58*	1.45	3.82**	1.12	-7.11**	2.58
Language	13.16**	1.10	14.13**	.69	9.55**	2.00
Math Computations	4.24**	.81	6.22**	.61	3.93*	1.49
Raven's	2.31**	.50	.22	.31	-1.50*	.69
Reading	2.72**	.69	4.17**	.49	-.05	1.34
Math Concepts	1.82*	.79	7.18**	.55	-.42	1.24
Math Problem Solving	3.50**	.66	4.56**	.45	.66	1.20
Coopersmith	2.27*	.89	1.97**	.60	-.93	1.53
IARS(-)	.58*	.28	1.01**	.21	.78	.51
IARS(+)	1.65**	.34	3.04**	.24	-.67	.56
Total Reading	5.93**	1.80	9.52**	1.18	-.70	2.78
Total Math	9.55**	2.00	17.95**	1.44	4.16	3.39
Language Part A	3.54**	.38	4.19**	.26	1.97**	.60
Language Part B	9.63**	.83	9.94**	.56	7.59**	1.59

* $p < .05$
** $p < .01$

Table F6-(6)-IIIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE)
BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY
IN THE PRESCHOOL BLOCKED POOLED ANALYSIS
FOR COHORT III-EF CHILDREN IN THE MATHEMAGENIC ACTIVITIES MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 98)		Some Preschool (N = 185)		No Preschool (N = 50)	
	b	SE	b	SE	b	SE
Word Knowledge	-1.58	.84	1.26	.71	-2.39	1.24
Spelling	-1.76	.93	3.04**	.73	1.17	1.34
Language	.30	.72	2.19**	.61	-.40	1.01
Math Computations	3.57**	.65	3.70**	.50	2.31*	.91
Raven's	-.01	.43	1.34**	.31	.58	.66
Reading	-4.12**	.71	1.39*	.57	-2.11*	.93
Math Concepts	.83	.66	3.00**	.49	-.14	.92
Math Problem Solving	2.70**	.66	2.52**	.53	.20	.93
Coopersmith	4.67**	.77	-.15	.52	-.49	.94
IARS(-)	-1.78**	.29	-1.25**	.22	-1.05*	.40
IARS(+)	-.92**	.24	-.07	.15	.20	.36
Total Reading	-5.70**	1.44	2.65*	1.21	-4.49*	2.03
Total Math	7.10**	1.75	9.22**	1.37	2.36	2.49
Language Part A	-.71*	.33	-.33	.23	-.00	.40
Language Part B	1.01	.53	2.52**	.47	-.39	.82

* p < .05
** p < .01

Table F6-(5)-IIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE)
BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY
IN THE PRESCHOOL BLOCKED POOLED ANALYSIS
FOR COHORT II-EF CHILDREN IN THE BANK STREET MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 47)		Some Preschool (N = 5)		No Preschool (N = 10)	
	b	SE	b	SE	b	SE
Word Knowledge	16.47**	1.90	21.48*	8.70	18.16**	4.38
Spelling	13.87**	2.01	22.59**	7.94	9.05	4.87
Language	2.16**	.75	3.44	2.76	6.60**	1.84
Math Computations	5.62**	1.14	6.11	6.19	1.92	2.78
Raven's	.39	.66	4.84	3.13	1.29	1.68
Reading	6.31**	.65	16.56**	3.67	1.97	1.83
Math Concepts	2.93**	.84	17.04**	5.25	3.87	2.21
Math Problem Solving	3.21**	.78	15.61**	5.20	.26	1.81
Coopersmith	-.59	1.01	8.30*	3.51	-4.95**	1.79
IARS(-)	.23	.40	-.31	1.35	2.28**	.67
IARS(+)	-.52	.37	1.27	1.01	-3.11**	.33
Total Reading	22.77**	2.14	37.12**	11.91	20.13**	5.77
Total Math	11.77**	2.47	38.76*	16.25	6.05	6.06
Language Part A	2.29**	.38	2.50*	.98	2.20**	.63
Language Part B	-.12	.58	.94	1.84	4.40**	1.39

* $p < .05$
** $p < .01$

Table F6-(7)-IIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-EF CHILDREN IN THE DIRECT INSTRUCTION MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 102)		Some Preschool (N = 17)		No Preschool (N = 9)	
	b	SE	b	SE	b	SE
Word Knowledge	4.19**	.81	.65	2.23	-2.49	2.60
Spelling	7.11**	1.04	.20	2.38	-.73	3.30
Language	11.51**	1.23	6.43**	1.63	4.45	2.85
Math Computations	5.30**	.98	-1.71	1.27	-5.30**	1.39
Raven's	-2.31**	.45	.46	1.09	-1.17	1.19
Reading	2.52**	.70	.51	1.68	-4.10*	1.89
Math Concepts	4.52**	.74	2.29	1.63	-.60	1.60
Math Problem Solving	2.92**	.92	-.50	1.49	-4.44**	1.59
Coopersmith	5.29**	.74	.23	1.73	2.76	1.60
IARS(-)	-.20	.35	.75	.60	-1.81**	.56
IARS(+)	.31	.23	.95	.56	.78	.67
Total Reading	6.71**	1.42	1.08	3.70	-6.59	4.14
Total Math	12.73**	2.48	.08	3.58	-10.34*	4.15
Language Part A	2.68**	.39	1.09*	.47	-1.27	.72
Language Part B	8.80**	.91	5.34**	1.53	5.72*	2.57

* $p < .05$
** $p < .01$

Table F6-(9)-IIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-EF CHILDREN IN THE COGNITIVE CURRICULUM MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 33)		Some Preschool (N = 5)		No Preschool (N = 10)	
	b	SE	b	SE	b	SE
Word Knowledge	1.98	1.13	14.68	7.51	.60	1.83
Spelling	6.42**	2.01	14.19	9.15	6.71	3.53
Language	-2.71*	1.00	5.27	6.13	-.08	1.89
Math Computations	.64	1.15	7.19	3.82	3.19	1.86
Raven's	-.75	.83	3.24*	1.20	.93	1.21
Reading	-.25	.76	10.24*	4.19	.15	1.39
Math Concepts	1.64	1.00	9.26*	4.44	-.83	1.42
Math Problem Solving	-.82	.87	7.57**	2.31	-.89	1.65
Coopersmith	-.98	1.01	2.32	2.48	-6.76**	2.08
IARS(-)	.97	.52	.48	.87	-1.87**	.46
IARS(+)	.65	.48	.69	.66	.98	.81
Total Reading	1.72	1.59	25.21*	11.71	.74	2.86
Total Math	1.46	2.61	24.02*	9.85	1.47	4.00
Language Part A	-.10	.47	.15	2.09	-1.40	.96
Language Part B	-2.66**	.79	5.12	4.08	1.32	1.34

* $p < .05$
** $p < .01$

Table F6-(10)-IIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-EF CHILDREN IN THE PARENT EDUCATION MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 88)		Some Preschool (N = 57)		No Preschool (N = 26)	
	b	SE	b	SE	b	SE
Word Knowledge	2.47**	.82	-.01	1.28	1.35	1.57
Spelling	3.46**	.92	2.71*	1.28	5.09*	2.30
Language	1.78**	.61	.33	1.04	-1.24	1.34
Math Computations	1.65**	.58	1.46	.86	-.46	1.11
Raven's	-.14	.47	.32	.57	1.13	.81
Reading	1.03	.59	.73	.93	.47	1.16
Math Concepts	1.83**	.64	1.21	.92	.28	1.18
Math Problem Solving	.96	.58	2.06*	.88	-.07	1.24
Coopersmith	1.09	.73	.83	.98	1.40	1.33
IARS(-)	-.10	.28	-.94*	.43	-1.62*	.64
IARS(+)	.09	.27	.15	.32	-.06	.33
Total Reading	3.50*	1.31	.82	2.10	1.83	2.50
Total Math	4.43**	1.60	4.72	2.43	-.25	2.93
Language Part A	.92**	.28	.92*	.41	1.16	.65
Language Part B	.83	.47	-.59	.80	-2.40*	1.06

* p < .05
** p < .01

Table F6-(11)-IIEF

TREATMENT REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) BY OUTCOME BY PRESCHOOL EXPERIENCE CATEGORY IN THE PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-EF CHILDREN IN THE EDC MODEL

OUTCOME	PRESCHOOL EXPERIENCE					
	Head Start (N = 96)		Some Preschool (N = 82)		No Preschool (N = 17)	
	b	SE	b	SE	b	SE
Word Knowledge	1.45	.78	-2.48*	1.23	-5.83**	1.51
Spelling	1.89	1.08	1.38	1.19	-8.30**	1.92
Language	.82	.58	1.16	.99	-3.92**	1.18
Math Computations	-1.82**	.50	.11	.84	-8.10**	.79
Raven's	-.01	.49	.06	.39	-.53	.84
Reading	.05	.55	-2.25*	.82	-3.32*	1.59
Math Concepts	.35	.60	.01	.78	-3.15*	1.39
Math Problem Solving	.19	.52	0.74	.71	-7.60**	.76
Coopersmith	-.84	.68	1.16	.83	-3.66*	1.49
IARS(-)	-.17	.29	.63*	.28	-1.38	.76
IARS(+)	-.03	.30	-.49*	.22	-1.36*	.68
Total Reading	1.49	1.18	-4.89*	1.92	-9.14**	2.77
Total Math	-1.28	1.29	-.63	2.14	-18.85**	2.18
Language Part A	1.43**	.39	.03	.33	-2.37**	.66
Language Part B	-.64	.36	1.13	.78	-1.55*	.73

* p < .05
** p < .01

Table F7-(2)-IIK

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT II-K PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE RESPONSIVE EDUCATION MODEL

CODE

SEX = Sex
PSSOME = Some Preschool
NOINC = Missing Income
LANG = First Language
INCOME = Income
ENTAGE = Entry Age
FKW = Fall Kindergarten WRAT
ETH1 = White vs. Black
OCCUP = Occupation
FKWHS = FKW x Head Start
NOOCCUP = Missing Occupation
ETH2 = White vs. Other
PSHS = Head Start
FKWSOME = FKW x Some Preschool

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	1.1862769	.51336218
PSSOME	-.55679469	1.7160833
NOINC	-1.7425069	1.0787862
LANG	.53613001	1.0814833
INCOME	.19442706E-03	.10554408E-03
ENTAGE	-.41760417E-01	.72009636E-01
FKW	.17562034	.33163155E-01
ETH1	1.1707750	.57243630
OCCUP	.31854593E-01	.12948840
FKWHS	.27663477E-01	.47414658E-01
NOOCCUP	.98272095	1.1904497
ETH2	-.53686589	.67292432
PSHS	-1.7827073	1.7519712
FKWSOME	.50259270E-02	.44402268E-01

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	1.4719053	.72235670
PSSOME	-3.7115936	2.4065553
NOINC	.23400391	1.5181475
LANG	1.8243485	2.3670159
INCOME	.30327330E-03	.14452942E-03
ENTAGE	-.34710077	.10133727
FKW	.37255441	.45696238E-01
ETH1	2.1016935	.83372037
OCCUP	.40972122	.18292646
FKWHS	.47701724E-01	.69525890E-01
NOOCCUP	-.54973397	1.5486340
ETH2	-.53149098	.94698475
PSHS	-2.0044736	2.4655032
FKWSOME	.57017572E-01	.62480147E-01

Raven's

VARIABLE	B	STD ERROR B
SEX	-.71370419	.40259958
PSSOME	-1.5330175	1.1081206
NOINC	2.313589	.64590117
LANG	-1.7015613	.95155519
INCOME	.37001654E-04	.62219876E-04
ENTAGE	-.25185430E-01	.42430705E-01
FKW	.98209078E-01	.19553194E-01
ETH1	1.3200629	.34025636
OCCUP	.64133962	.70628999E-01
FKWHS	.50132593E-01	.29124811E-01
NOOCCUP	-.52644036	.64073212
ETH2	-.76955549	.37609931
PSHS	-2.5740014	1.0328142
FKWSOME	.22296102E-01	.20175425E-01

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	1.0249165	.79373485
PSSOME	-1.0199057	2.0443657
NOINC	.32215309	1.0601543
LANG	-.25976653	2.0309087
INCOME	.30749295E-03	.19320645E-03
ENTAGE	-.35542503	.11135798
FKW	.33133335	.51201330E-01
ETH1	.40745171E-01	.91610467
OCCUP	.34123433	.24110246
FKWHS	.20936953E-01	.70396126E-01
NOOCCUP	-.59141449	1.7016632
ETH2	.52213622	1.0405661
PSHS	-2.2432256	2.7491335
FKWSOME	.31144083E-01	.60600757E-01

MAT Reading

VARIABLE	B	STD ERROR B
SEX	1.1922067	.50593111
PSSOME	-1.7152410	1.0830851
NOINC	.74338136	1.1691841
LANG	-1.2961243	1.0541095
INCOME	.31135543E-03	.11634496E-03
ENTAGE	-.25432131	.74378762E-01
FKW	.20682291	.30555016E-01
ETH1	1.0226003	.60316344
OCCUP	.37930794	.14320880
FKWHS	-.50100114E-01	.54400496E-01
NOOCCUP	-.27146777	1.2130645
ETH2	-.40354184	.74178822
PSHS	.92341344	1.9312597
FKWSOME	.25456450E-01	.40946187E-01

MAT Language

VARIABLE	B	STD ERROR B
SEX	1.4370348	.59975173
PSSOME	.35403062	1.9300895
NOINC	-.55230963	1.6644716
LANG	2.3843499	1.4652570
INCOME	.23134029E-03	.12331944E-03
ENTAGE	-.27435302	.84137246E-01
FKW	.32146316	.36748377E-01
ETH1	2.2730187	.69261235
OCCUP	.33249795	.15167826
FKWHS	-.77150771E-01	.57765218E-01
NOOCCUP	-.12563916	1.4657335
ETH2	-.44937292	.70625586
PSHS	.94504173	2.0470321
FKWSOME	-.34403499E-01	.51460742E-01

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	1.1390461	.55373114
PSSOME	-1.9470032	1.0449413
NOINC	-1.5300149	1.1639592
LANG	-.50226175	1.0145243
INCOME	.33126935E-03	.11306772E-03
ENTAGE	-.23011732	.71683316E-01
FKW	.23904011	.35773395E-01
ETH1	2.1405126	.64915577
OCCUP	.20141109	.14023712
FKWHS	.43179413E-01	.53300705E-01
NOOCCUP	.30976095	1.1272316
ETH2	-.23310518	.72599107
PSHS	-1.5481015	1.6301315
FKWSOME	.34435164E-01	.47593826E-01

Table F7-(2)-IIK (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	[illegible]	.51136221
PSSOME	-3.1[illegible]6222	1.7220873
NOINC	-1.0131922	1.1741266
LANG	-.22573442	1.0747489
INCOME	.3[illegible]7[illegible]1759E-03	.10568761E-03
ENTAGE	-.21853094	.71698212E-01
FKW	.19851253	.33019728E-01
ETH1	1.867994[illegible]	.509874[illegible]9
OCCUP	.14517449E-01	.12942423
FKWHS	.27222111E-01	.49199049E-01
NOOCCUP	.547[illegible]4193E-01	1.3956904
ETH2	-.57759376	.47001400
PSHS	-1.78[illegible]92	1.7443942
FKWSOME	.70[illegible]10937E-01	.44210233E-01

Coopersmith

VARIABLE	B	STD ERROR B
SEX	1.6845887	.65560965
PSSOME	2.3643066	2.1841833
NOINC	-.21677196	1.3778667
LANG	-1.2340497	2.1482929
INCOME	-.62634869E-04	.13480491E-03
ENTAGE	.38223069E-02	.91973442E-01
FKW	.12021477	.42357242E-01
ETH1	1.6997825	.75608216
OCCUP	.18089295	.10602357
FKWHS	-.12009131E-01	.63101507E-01
NOOCCUP	-1.3677316	1.4055361
ETH2	-1.7631931	.85948451
PSHS	-.67967342	2.2376842
FKWSONE	-.57873504E-01	.56712264E-01

IARS(-)

VARIABLE	B	STD ERROR B
SEX	-.22249454	.22969198
PSSOME	-.16511915E-01	.70522644
NOINC	.11241407E-01	.40273423
LANG	-.54476128	.73265229
INCOME	.55455469E-04	.47228765E-04
ENTAGE	-.12572795E-01	.32222904E-01
FKW	.2[illegible]3926E-01	.14839817E-01
ETH1	-.53471[illegible]E-01	.25510284
OCCUP	.5[illegible]2214E-01	.50166194E-01
FKWHS	.2[illegible]9[illegible]81E-01	.22167550E-01
NOOCCUP	-.2[illegible]7163[illegible]	.49242818
ETH2	-.32419011	.30111054
PSHS	-1.2337833	.70397844
FKWSOME	-.34486193E-02	.19609185E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	.7[illegible]110565	.23159375
PSSOME	-.444[illegible]5332	.70823175
NOINC	-.44834909	.14402946
LANG	.9[illegible]34497[illegible]E-01	.73550723
INCOME	.45514431E-04	.47414187E-04
ENTAGE	.33817[illegible]19E-02	.32349312E-01
FKW	.13[illegible]5135E-01	.14833779E-01
ETH1	.53445072E-02	.20619384
OCCUP	.44[illegible]25312E-01	.30394556E-01
FKWHS	.177[illegible]30378E-01	.22194345E-01
NOOCCUP	-.21443552	.19430147
ETH2	-.2557515[illegible]	.30233175
PSHS	-.44452135	.73734834
FKWSOME	.17036472E-01	.19947[illegible]92E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	2.5541719	1.20458[illegible]4
PSSOME	-5.4268719	4.0130496
NOINC	.[illegible]7710771	2.2315172
LANG	.52822417	3.9471566
INCOME	.59482857E-03	.24705321E-03
ENTAGE	-.60262206	.100937[illegible]0
FKW	.65946[illegible]31	.77824892E-01
ETH1	3.7231581	1.3902966
OCCUP	.8[illegible]2416	.30564269
FKWHS	-.10748486E-01	.11593978
NOOCCUP	-.96[illegible]82174	2.3664556
ETH2	-.90554[illegible]82	1.57917[illegible]1
PSHS	-1.8700001	4.1113997
FKWSOME	.92534330E-01	.14420003

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	3.3753522	1.5412393
PSSOME	-5.7514485	4.03496[illegible]1
NOINC	-4.2501544	2.[illegible]2391[illegible]9
LANG	-.35137356	4.5587087
INCOME	.33146029E-03	.20606361E-03
ENTAGE	-.52681406	.19517283
FKW	.55358594	.29804454E-01
ETH1	5.1[illegible]54516	1.0657227
OCCUP	.31778013	.13231138
FKWHS	.9[illegible]E-01	.13390495
NOOCCUP	1.9171260	2.7820269
ETH2	-1.3475088	1.5234746
PSHS	-5.21[illegible]648[illegible]	4.7484070
FKWSOME	.97471724E-01	.12034662

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.53921[illegible]23	.24[illegible]183[illegible]7
PSSOME	-.501[illegible]5149	.80017709
NOINC	-.24682984	.59478294
LANG	-.57918872	.76702041
INCOME	.536[illegible]2462E-04	.49385922E-04
ENTAGE	-.14217598	.33694569E-01
FKW	.9129[illegible]998E-01	.10517421E-01
ETH1	.55555722E-01	.27721132
OCCUP	.15433485	.67822914E-01
FKWHS	.35570632E-01	.23117304E-01
NOOCCUP	-.37490021	.51491366
ETH2	.346[illegible]0668	.31487[illegible]7
PSHS	-1.9477038	.419778[illegible]1
FKWSOME	.1[illegible]947535E-02	.30776598E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	.52744461	.47609996
PSSOME	1.0[illegible]0471	1.5868[illegible]81
NOINC	-.41144[illegible]96	1.4022811
LANG	3.1635086	1.5647[illegible]9
INCOME	.14579282E-03	.46054136E-04
ENTAGE	-.13217763	.40592577E-01
FKW	.23[illegible]16718	.[illegible]8119[illegible]E-01
ETH1	2.41[illegible]453[illegible]	.55092[illegible]8
OCCUP	.178[illegible]1	.1207[illegible]7
FKWHS	-.1137696[illegible]	.45930993E-01
NOOCCUP	.10680704	1.[illegible]24[illegible]3
ETH2	-.7[illegible]4856[illegible]	.[illegible]52[illegible]7
PSHS	2.5941115	1.0277255
FKWSOME	-.[illegible]5[illegible]64[illegible]E-01	.41253361E-01

Table F7-(3)-IIK

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT II-K PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE TEEM MODEL

CODE

SEX = Sex
INCOME = Income
LANG = First Language
NOINC = Missing Income
ENTAGE = Entry Age
PSSOME = Some Preschool
FKW = Fall Kindergarten WRAT
OCCUP = Occupation
ETH1 = White vs. Black
FKWHS = FKW x Head Start
ETH2 = White vs. Other
NOOCCUP = Missing Occupation
PSHS = Head Start
FKWSOME = FKW x Some Preschool

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	.24936472	.53404625
INCOME	-.49403125E-04	.10632166E-03
LANG	-2.3316090	2.4073107
NOINC	1.0313177	1.4478901
ENTAGE	.11141812	.81204039E-01
PSSOME	-2.1937041	2.3702560
FKW	.27332393	.41961559E-01
OCCUP	.41034155	.17360490
ETH1	.50648291	.74273396
FKWHS	-.35259172E-01	.55054483E-01
ETH2	-.13760067	1.4107553
NOOCCUP	-.93751173	1.9312416
PSHS	-.82946256	1.9647861
FKWSOME	.11633267E-01	.63750913E-01

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	.13740137E-01	.90747138
INCOME	.13143352E-03	.24800394E-03
LANG	3.4578934	4.4301746
NOINC	2.1774403	2.4722247
ENTAGE	-.11759432	.12340408
PSSOME	-3.3275747	3.0258549
FKW	.33801117	.63906799E-01
OCCUP	.40555121	.20902572
ETH1	1.4542032	1.0722798
FKWHS	-.25142578E-01	.84021176E-01
ETH2	-1.0710050	1.0473698
NOOCCUP	-.42414426	2.9468213
PSHS	-3.2140850	3.1050382
FKWSOME	.43541513E-01	.97275528E-01

Raven's

VARIABLE	B	STD ERROR B
SEX	-.31372443	.44911480
INCOME	-.62244060E-04	.00560887E-04
LANG	-4.2237725	2.0593292
NOINC	1.3733693	1.3797515
ENTAGE	.46755474E-01	.57520000E-01
PSSOME	-.94894061	1.9931765
FKW	.10716754	.29694353E-01
OCCUP	.13643003	.12098439
ETH1	1.1546107	.49776846
FKWHS	.43741655E-01	.39313897E-01
ETH2	-.11450743	.85757490
NOOCCUP	-1.9971754	1.3679589
PSHS	-2.5645183	1.3952626
FKWSOME	.52442549E-02	.43156767E-01

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	3.2944425	1.1218699
INCOME	.25841754E-03	.24120503E-03
LANG	5.7112173	5.1441425
NOINC	-.33103030	3.4405613
ENTAGE	-.15787441	.14359954
PSSOME	-4.9420241	4.2045141
FKW	.31732035	.74175243E-01
OCCUP	.19573373	.19221990
ETH1	.57404525	1.2434547
FKWHS	.25534942E-01	.97430092E-01
ETH2	-1.5541403	2.1421010
NOOCCUP	-.64738037	3.4171037
PSHS	-2.9743032	3.4953071
FKWSOME	.56245552E-01	.11279370

MAT Reading

VARIABLE	B	STD ERROR B
SEX	.77366247E-01	.71380863
INCOME	.33151464E-04	.15347077E-03
LANG	1.1155466	3.2730474
NOINC	1.6349183	2.1929337
ENTAGE	-.11805443	.91420438E-01
PSSOME	-2.3466037	2.6751866
FKW	.27706199	.47195249E-01
OCCUP	.49624083	.19229187
ETH1	.41649770	.79113718
FKWHS	-.30705425E-01	.61041539E-01
ETH2	-.16837463	1.5630052
NOOCCUP	.39830551	2.1741868
PSHS	-2.7466275	2.6175854
FKWSOME	.43945002E-01	.71770713E-01

MAT Language

VARIABLE	B	STD ERROR B
SEX	.50942495	.77614862
INCOME	.48139450E-04	.13655496E-03
LANG	-1.0546192	3.3308014
NOINC	2.3643340	2.2369874
ENTAGE	-.12235257	.95257070E-01
PSSOME	-1.0602104	2.7249295
FKW	.36035265	.40143373E-01
OCCUP	.30996374	.19615490
ETH1	1.1242407	.84703068
FKWHS	-.63582051E-01	.83256912E-01
ETH2	-.14914309	1.3363871
NOOCCUP	-2.3361253	2.2176440
PSHS	-.10647173	2.2621354
FKWSOME	.43742549E-01	.73212544E-01

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	.53511001	.68629257
INCOME	.41944496E-04	.14135091E-03
LANG	-1.1471311	3.0681711
NOINC	.50859249	2.0154643
ENTAGE	.20754457E-01	.84622049E-01
PSSOME	-1.6119971	2.4586031
FKW	.31727030	.43375901E-01
OCCUP	.34324150	.17673036
ETH1	.42647035	.72711323
FKWHS	-.40432645E-01	.60574773E-01
ETH2	.32584767	1.2527519
NOOCCUP	-.11127252	1.5952642
PSHS	-1.3581265	2.1391279
FKWSOME	-.13424160E-01	.63402553E-01

Table F7-(3)-IIK (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	.3555[illegible]92	.39430148
INCOME	-.13515[illegible]64E-04	.12777441E-03
LANG	.197[illegible]14[illegible]	2.7233478
NOINC	2.04[illegible]9404	1.0257979
ENTAGE	.250[illegible]4765E-01	.73114661E-01
PSSOME	-1.2951472	2.2273020
FK*	.23927[illegible]43	.34293734E-01
OCCUP	.39547542	.1200[illegible]2
ETH1	.24797957	.63968355
FK*MS	-.50317597E-01	.51612802E-01
ETH2	.151[illegible]947	1.1346093
NOOCCUP	-2.594[illegible]913	1.0121930
PSMS	-1.1931305	1.3403132
FK*SOME	.2364[illegible]7[illegible]E-01	.54754729E-01

Coopersmith

VARIABLE	B	STD ERROR B
SEX	1.447[illegible]360	.84897445
INCOME	-.2[illegible]340[illegible]E-03	.15203189E-03
LANG	[illegible]	3.8924295
NOINC	1.846[illegible]054	2.[illegible]01860
ENTAGE	-.30[illegible]6553E-03	.10973175
PSSOME	.[illegible]1221412	3.1817682
FK*	.15749219	.50132110E-01
OCCUP	.781[illegible]9573E-01	.22874413
ETH1	[illegible].3746708	.34094439
FK*MS	.17511993E-01	.73730215E-01
ETH2	.52535329	1.0211029
NOOCCUP	-2.2[illegible]9957	2.3953930
PSMS	-.30135053	2.0373959
FK*SOME	.[illegible]7759053E-01	.85301168E-01

IARS(-)

VARIABLE	B	STD ERROR B
SEX	-.2[illegible]1[illegible]2	.22950[illegible]3
INCOME	.33571[illegible]E-04	.62244573E-04
LANG	-2.2757[illegible]85	1.3274[illegible]4
NOINC	1.9191249	.83940820
ENTAGE	-.13[illegible]11094E-01	.37078241E-01
PSSOME	.[illegible]1720109	1.0850[illegible]4
FK*	.7[illegible]316732E-01	.19141418E-01
OCCUP	-.[illegible]7752[illegible]48E-01	.77989610E-01
ETH1	-.40[illegible]12E-02	.32086829
FK*MS	-.51323162E-01	.23142487E-01
ETH2	-.11476715	.53280473
NOOCCUP	-2.2350947	.84193647
PSMS	2.1942759	.89940683
FK*SOME	-.22707369E-01	.29108718E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	.32474653	.347771[illegible]5
INCOME	.177[illegible]1921E-04	.747717[illegible]8E-04
LANG	-2.5459268	1.5945467
NOINC	.98357366	1.0684075
ENTAGE	-.33636970E-01	.44540494E-01
PSSOME	-1.[illegible]3867	1.3033440
FK*	.326[illegible]7119E-01	.22993756E-01
OCCUP	.22942098E-01	.93685539E-01
ETH1	.166[illegible]7693	.30544540
FK*MS	.25514819E-01	.70202581E-01
ETH2	-.67335717	.60400276
NOOCCUP	-1.2[illegible]52733	1.3592759
PSMS	-1.356[illegible]2	1.0804185
FK*SOME	.3219[illegible]54[illegible]E-01	.34007042E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	.95421384E-01	1.5704433
INCOME	.16142479E-03	.33764951E-03
LANG	2.5734440	7.2019092
NOINC	3.8163040	4.0246645
ENTAGE	-.23624975	.24113320
PSSOME	-7.1744184	5.0856516
FK*	.66527316	.1[illegible]303380
OCCUP	.38286605	.42305944
ETH1	1.0812159	1.7405731
FK*MS	-.62949803E-01	.13638407
ETH2	-1.2394450	2.9987341
NOOCCUP	-.36936744E-01	4.7834135
PSMS	-6.0628041	4.0768877
FK*SOME	.87627115E-01	.15790203

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	1.0940348	1.0953147
INCOME	.62[illegible]44417E-04	.34514497E-03
LANG	-3.4916[illegible]12	7.3639962
NOINC	4.2178335	4.9317[illegible]
ENTAGE	.15842244	.23559033
PSSOME	-4.5[illegible]4	6.6153415
FK*	.313[illegible]737	.10613941
OCCUP	1.1576585	.43245340
ETH1	1.1747338	1.7742227
FK*MS	-.125[illegible]931	.13941542
ETH2	.63947[illegible]9	3.0653295
NOOCCUP	-4.3276705	4.8896284
PSMS	-2.2953221	4.9872276
FK*SOME	.16617231E-01	.10148822

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.32347272	.29824227
INCOME	.79430[illegible]13E-05	.64122887E-04
LANG	-.5732[illegible]56	1.3675309
NOINC	.97611096	.91624729
ENTAGE	-.10[illegible]E-01	.30197127E-01
PSSOME	-2.0430553	1.1177418
FK*	.74[illegible]7973E-01	.14719[illegible]6E-01
OCCUP	.1422[illegible]40	.9[illegible]343052E-01
ETH1	.13976044	.3[illegible]055155
FK*MS	.33780121E-01	.25901196E-01
ETH2	.29720395	.5094[illegible]042
NOOCCUP	-.14579745	[illegible]
PSMS	-1.97[illegible]338	.92654745
FK*SOME	.32580377E-01	.24957113E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	.3453[illegible]23	.5[illegible]131119
INCOME	[illegible]	.1471[illegible]49E-03
LANG	-1.[illegible]	2.7113[illegible]
NOINC	1.11[illegible]211[illegible]	1.0[illegible]
ENTAGE	-.1[illegible]5[illegible]257	.7[illegible]E-01
PSSOME	.9375[illegible]8[illegible]	2.[illegible]103051
FK*	.225[illegible]6[illegible]	.3[illegible]E-01
OCCUP	.2475[illegible]2[illegible]	.1592[illegible]7
ETH1	[illegible]	.655[illegible]32
FK*MS	-.37[illegible]73E-01	.[illegible]13531[illegible]7E-01
ETH2	-.[illegible]	1.125[illegible]
NOOCCUP	-1.3[illegible]53	1.0913749
PSMS	1.73[illegible]2[illegible]	1.0373233
FK*SOME	.1[illegible]E-01	.5[illegible]7E-01

Table F7-(5)-IIK

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT II-K PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE BANK STREET MODEL

CODE

SEX = Sex
INCOME = Income
NOINC = Missing Income
ENTAGE = Entry Age
PSSOME = Some Preschool
LANG = First Language
OCCUP = Occupation
FKW = Fall Kindergarten WRAT
ETH2 = White vs. Other
PSHS = Head Start
ETH1 = White vs. Black
NOOCCUP = Missing Occupation
FKWHS = FKW x Head Start
FKWSOME = FKW x Some Preschool

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	.25562738	.54526863
INCOME	.94173293E-04	.19665868E-03
NOINC	-.54114627	1.2470858
ENTAGE	.13631194	.70817326E-01
PSSOME	-4.3645048	1.6152812
LANG	.79462021	1.4085079
OCCUP	.47732687	.14992510
FKW	.21491316	.34780554E-01
ETH2	-1.4731094	1.4726478
PSHS	.40462488	1.6294334
ETH1	1.1336272	1.1965790
NOOCCUP	.92793026E-01	1.2863955
FKWHS	-.22476982E-01	.51050157E-01
FKWSOME	.10102920	.61783200E-01

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	.91134025	.73529530
INCOME	.13143309E-03	.15193497E-03
NOINC	-.85126170	1.7274108
ENTAGE	-.10733634	.10599036
PSSOME	-4.0519523	2.2416110
LANG	2.7300040	2.0757034
OCCUP	.33256997	.24707327
FKW	.37427356	.55103235E-01
ETH2	-.54146049	2.0398839
PSHS	-3.3895292	2.2570589
ETH1	-.57634265	1.6574775
NOOCCUP	-.75472049	1.7846660
FKWHS	.39721056E-01	.70713665E-01
FKWSOME	.85611706E-01	.71729187E-01

Raven's

VARIABLE	B	STD ERROR B
SEX	-.80530270	.30513921
INCOME	-.90240713E-05	.72432144E-04
NOINC	.72605191	.82306243
ENTAGE	-.32660095E-01	.50539225E-01
PSSOME	-1.5100953	1.0688429
LANG	-1.3659264	.96973550
OCCUP	.87101543E-01	.94022579E-01
FKW	.83522636E-01	.20274274E-01
ETH2	-.10374739E-01	.97205555
PSHS	-1.7199998	1.0702648
ETH1	1.2616254	.79531590
NOOCCUP	-.77750184	.85695993
FKWHS	.52244671E-01	.33717625E-01
FKWSOME	.57457011E-01	.34201845E-01

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	3.2730274	.89407946
INCOME	.14937137E-03	.17981961E-03
NOINC	-1.3449640	2.0448194
ENTAGE	-.21940092	.12546590
PSSOME	-4.0802403	2.0535030
LANG	.92313020	2.4571102
OCCUP	.30144056	.24583246
FKW	.47049069	.65228355E-01
ETH2	.44707159E-01	2.4147089
PSHS	-2.1401097	2.0717604
ETH1	.31711185	1.9620360
NOOCCUP	.93397171	2.1125580
FKWHS	-.24309011E-01	.83707174E-01
FKWSOME	.27313350E-01	.84909297E-01

MAT Reading

VARIABLE	B	STD ERROR B
SEX	.33832172	.55734592
INCOME	.44681593E-04	.11289487E-03
NOINC	-.70212625E-01	1.2746873
ENTAGE	-.39943392E-01	.79212181E-01
PSSOME	-4.4154242	1.0541249
LANG	1.2449732	1.5315947
OCCUP	.34193917	.15324582
FKW	.22143037	.40601663E-01
ETH2	.12506601	1.3052660
PSHS	-1.8722511	1.0655241
ETH1	1.4905703	1.2230823
NOOCCUP	.48242427E-01	1.3169325
FKWHS	.59807096E-01	.52190879E-01
FKWSOME	.97613059E-01	.52930251E-01

MAT Language

VARIABLE	B	STD ERROR B
SEX	.58707125	.63608865
INCOME	.13462402E-03	.12605249E-03
NOINC	-.41493370	1.4501495
ENTAGE	-.14907435	.89346373E-01
PSSOME	-3.2372563	1.0896031
LANG	1.3774795	1.7497465
OCCUP	.34982655	.17506142
FKW	.27332132	.40450162E-01
ETH2	-1.0403302	1.7145536
PSHS	-.53306225	1.9026251
ETH1	.30127434	1.3971060
NOOCCUP	-1.0346225	1.3144086
FKWHS	.64426017E-01	.59409252E-01
FKWSOME	.37246186E-01	.64465304E-01

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	-.66244399	.54472254
INCOME	.33916747E-04	.11055603E-03
NOINC	-1.6227153	1.2498168
ENTAGE	-.12619242	.70440746E-01
PSSOME	-3.4556069	1.0196605
LANG	-.64832471	1.4070071
OCCUP	.53558615	.14977494
FKW	.22675861	.39740713E-01
ETH2	-1.1340232	1.4711739
PSHS	-2.9124944	1.0276015
ETH1	.59916063	1.1953876
NOOCCUP	.27779344	1.2871052
FKWHS	.71565671E-01	.50949029E-01
FKWSOME	.42618644E-01	.51731429E-01

Table F7-(5)-IIK (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	-.20711950E-04	.51195859
INCOME	.50446046E-04	.10296605E-03
NOINC	-.44720023	1.1708789
ENTAGE	-.65818559E-01	.71842712E-01
PSSOME	-5.0130827	1.5194157
LANG	-.62430129	1.4069597
OCCUP	.33526462	.14076574
FK*	.13448724	.37350245E-01
ETH2	-.69420122	1.3826814
PSHS	-1.4531046	1.5298866
ETH1	.26150486	1.1234765
NOOCCUP	-1.1136165	1.2696837
FK*HS	.65670001E-01	.47931355E-01
FK*SOME	.16796792	.48619699E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	1.0449966	1.2279505
INCOME	.17461105E-03	.34678761E-03
NOINC	-.92747360	2.0063464
ENTAGE	-.20731224	.17219162
PSSOME	-4.0603764	3.6417145
LANG	3.7740096	3.3721815
OCCUP	.99450916	.33738597
FK*	.59547396	.89520549E-01
ETH2	-.81546690	3.3139892
PSHS	-5.2617003	3.0668111
ETH1	.52192766	2.0427324
NOOCCUP	-.50843757	2.0093537
FK*HS	.98729554E-01	.11488121
FK*SOME	.10322556	.11653102

Coopersmith

VARIABLE	B	STD ERROR B
SEX	-.54500016E-01	.63084448
INCOME	.55784590E-04	.12687710E-03
NOINC	-.41402264	1.4427835
ENTAGE	.55518593E-02	.86526212E-01
PSSOME	-1.9567766	1.8722684
LANG	1.5974152	1.7330875
OCCUP	.26142260	.17345477
FK*	.76011527E-01	.46023815E-01
ETH2	-2.5796044	1.7037700
PSHS	-.55592682	1.8851619
ETH1	-2.1022681	1.5643731
NOOCCUP	-.45900063	1.4905996
FK*HS	-.47431723E-01	.59002098E-01
FK*SOME	.35540325E-01	.59910292E-01

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	-.42806656	1.3834652
INCOME	.17859695E-03	.27824615E-03
NOINC	-2.5611176	3.1649772
ENTAGE	-.52249035E-01	.19414124
PSSOME	-12.855604	4.1059315
LANG	.14210659	3.3020406
OCCUP	1.4017090	.38039259
FK*	.57235406	.13093102
ETH2	-3.3573336	3.7304303
PSHS	-3.9515641	4.1342272
ETH1	2.0343100	3.0359013
NOOCCUP	-.73622388	3.2689798
FK*HS	.11495069	.12952536
FK*SOME	.36162537	.13138548

IARS(-)

VARIABLE	B	STD ERROR B
SEX	.24344003	.24791220
INCOME	.34551976E-05	.49860753E-04
NOINC	.23398563E-01	.50699175
ENTAGE	.45717204E-02	.34789443E-01
PSSOME	-1.0732376	.73576881
LANG	.14592021	.60131259
OCCUP	.67551402E-01	.68165044E-01
FK*	.40749381E-01	.18086653E-01
ETH2	.52822029	.60955547
PSHS	-.71937024	.74083930
ETH1	.41430419	.54403740
NOOCCUP	-.30742691	.50576276
FK*HS	.79660538E-02	.23210498E-01
FK*SOME	.13711753E-01	.23543825E-01

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.40675938	.24894731
INCOME	.31543411E-05	.50369038E-04
NOINC	.14309959	.50930127
ENTAGE	-.41111238E-02	.34934770E-01
PSSOME	-.25725875	.73834236
LANG	.57730021	.69415866
OCCUP	.19517410	.69497792E-01
FK*	.95532017E-01	.18162207E-01
ETH2	-.11935735	.61235242
PSHS	-.54993357	.74393403
ETH1	-.15420322	.54531322
NOOCCUP	-.30526720	.50822978
FK*HS	.10134274E-01	.23307456E-01
FK*SOME	-.17348892E-02	.23642176E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	-.30594064E-01	.25608349
INCOME	.21743458E-04	.51624857E-04
NOINC	.33754140	.50705227
ENTAGE	.40345702E-01	.30020315E-01
PSSOME	-1.2159761	.76180076
LANG	-.64603927	.72541785
OCCUP	.57497332E-01	.72576768E-01
FK*	.53725736E-01	.19726570E-01
ETH2	.29425598E-01	.69324475
PSHS	-.73505406	.70705064
ETH1	-.54786085	.50328575
NOOCCUP	-.50777096	.60650813
FK*HS	.50681410E-02	.24031700E-01
FK*SOME	.21023641E-01	.24276820E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	.26121268	.50329417
INCOME	.13376568E-03	.10122384E-03
NOINC	-.55584328	1.1510674
ENTAGE	-.14556323	.76627116E-01
PSSOME	-2.9399435	1.4937068
LANG	1.3026114	1.3831536
OCCUP	.45454760	.13838395
FK*	.17672651	.36718270E-01
ETH2	-1.5299792	1.3592851
PSHS	.31607329	1.5040006
ETH1	.45544056	1.1044670
NOOCCUP	-.73235523	1.1892156
FK*HS	.53523431E-02	.47120345E-01
FK*SOME	.88950977E-01	.47797042E-01

Table F7-(7)-IIK

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT II-K PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE DIRECT INSTRUCTION MODEL

CODE

SEX = Sex
OCCUP = Occupation
NOOCCUP = Missing Occupation
ENTAGE = Entry Age
FKWHS = FKW x Head Start
ETH1 = White vs. Black
INCOME = Income
FKW = Fall Kindergarten WRAT
ETH2 = White vs. Other
PSSOME = Some Preschool
NOINC = Missing Income
LANG = First Language
PSHS = Head Start
FKWSOME = FKW x Some Preschool

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	1.4630922	.69923123
OCCUP	.15053072	.14621539
NOOCCUP	.55212527E-01	1.5930942
ENTAGE	.30693263E-01	.97636131E-01
FKWHS	-.32349913E-01	.74859560E-01
ETH1	.40307777	1.1101069
INCOME	.14288221E-03	.13125180E-03
FKW	.24059096	.62617794E-01
ETH2	-1.0110319	1.7393649
PSSOME	-1.9210702	2.4171753
NOINC	-.33871027	1.5190463
LANG	-2.0100775	2.0693641
PSHS	.47715411	2.4538270
FKWSOME	.31475439E-01	.72143441E-01

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	.40700017	.92602012
OCCUP	.10134371	.24660593
NOOCCUP	2.0506466	1.9905298
ENTAGE	-.25236402	.14930347
FKWHS	.41799531E-01	.99127616E-01
ETH1	-.49261497	1.0377253
INCOME	.23942243E-03	.17382205E-03
FKW	.40742901	.92927270E-01
ETH2	1.0177181	2.3041733
PSSOME	-3.8610439	3.2011627
NOINC	-4.4300979	2.0117343
LANG	-1.3533019	3.8265015
PSHS	-5.0873183	3.2497021
FKWSOME	.54380514E-01	.90542469E-01

Raven's

VARIABLE	B	STD ERROR B
SEX	-1.2468785	.40431729
OCCUP	.30719267E-01	.11565187
NOOCCUP	-.23745585	.93358781
ENTAGE	-.53892287E-01	.60645261E-01
FKWHS	.57715236E-01	.40492335E-01
ETH1	1.0544378	.62741316
INCOME	.47285183E-04	.81525142E-04
FKW	.11435426	.70894131E-01
ETH2	.55737774	1.3890917
PSSOME	-1.6827116	1.5013032
NOINC	.57219522	.94353350
LANG	-2.4740076	1.7948846
PSHS	-2.3245704	1.5241539
FKWSOME	.20642141E-01	.64810647E-01

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	2.1657173	1.0620738
OCCUP	.14822357	.25283362
NOOCCUP	3.7496424	2.2829834
ENTAGE	-.31404478	.14930113
FKWHS	.30459298E-01	.11309175
ETH1	-2.2693262	1.5342680
INCOME	.15941727E-03	.19936652E-03
FKW	.38425124	.95111198E-01
ETH2	2.8344393	2.6427094
PSSOME	-4.0131214	3.5714873
NOINC	-6.1767135	2.3673645
LANG	-6.5485597	4.3887527
PSHS	-4.4213512	3.7271582
FKWSOME	.80569985E-01	.10957986

MAT Reading

VARIABLE	B	STD ERROR B
SEX	.43932082	.70972649
OCCUP	.17369146	.10900548
NOOCCUP	.62730798	1.3255954
ENTAGE	-.10742633	.99161692E-01
FKWHS	.55961162E-01	.75974299E-01
ETH1	.94770730	1.0252490
INCOME	.30974461E-03	.13322194E-03
FKW	.28974549	.63557714E-01
ETH2	.60018061	1.7659818
PSSOME	-1.4750325	2.4534591
NOINC	-1.5769387	1.5418479
LANG	-1.5187507	2.9327347
PSHS	-1.6745652	2.4906670
FKWSOME	.53106025E-01	.73226345E-01

MAT Language

VARIABLE	B	STD ERROR B
SEX	2.2253320	.77140961
OCCUP	.35242290E-01	.21575816
NOOCCUP	-.49947124	1.7011764
ENTAGE	-.17147191	.11650732
FKWHS	.33742905E-01	.84717073E-01
ETH1	.55554451	1.1432674
INCOME	.39240518E-03	.14855446E-03
FKW	.29514437	.73872583E-01
ETH2	3.2725331	1.9692981
PSSOME	-1.7447148	2.7358271
NOINC	.33074200	1.7192994
LANG	-2.3563748	3.2702637
PSHS	-2.3824539	2.7773105
FKWSOME	.54125943E-01	.81653073E-01

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	-.33486524	.60506726
OCCUP	.26771477	.17727206
NOOCCUP	.15921757	1.4906847
ENTAGE	-.30650685E-01	.82949477E-01
FKWHS	.72314642E-01	.71357641E-01
ETH1	1.7549043	.90162052
INCOME	.21335265E-03	.12495155E-03
FKW	.23470957	.59612763E-01
ETH2	-.31220424	1.0563492
PSSOME	-1.5429344	2.3311479
NOINC	-.73445792	1.4401302
LANG	.72327451	2.7596711
PSHS	-2.4020716	2.3360493
FKWSOME	.45341197E-01	.40680467E-01

Table F7-(7)-IIK (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	2.4747098	.63265770
OCCUP	.16564255	.17389751
NOOCCUP	1.7344677	1.4629220
ENTAGE	-.57112964E-03	.91132004E-01
FK*MS	.45430531E-01	.67605066E-01
ETH1	1.7247487	.94202694
INCOME	.26445179E-03	.14250954E-03
FK*	.26540254	.50447225E-01
ETH2	-.79852755E-01	1.5239791
PSSOME	-1.6972602	2.6561751
NOINC	-1.5281052	1.4178675
LANG	-1.4110039	2.0909129
PSHS	-1.6430456	2.2903855
FK*SOME	.32435012E-01	.67338200E-01

Coopersmith

VARIABLE	B	STD ERROR B
SEX	.56730113	.70612306
OCCUP	.33714040E-01	.20935032
NOOCCUP	1.7247215	1.0898128
ENTAGE	-.40777075E-01	.10976915
FK*MS	-.25540657E-01	.84152356E-01
ETH1	-.71613600	1.1350315
INCOME	.22617783E-03	.14750215E-03
FK*	.57118225E-01	.70399162E-01
ETH2	1.4933027	1.4564733
PSSOME	-1.5567059	2.7175521
NOINC	-3.0441089	1.7078147
LANG	-2.3536740	3.2464187
PSHS	.16216162	2.7667584
FK*SOME	.31655041E-01	.81108539E-01

IARS(-)

VARIABLE	B	STD ERROR B
SEX	.25651724E-01	.31181345
OCCUP	-.71799833E-02	.83633199E-01
NOOCCUP	-.52921044E-01	.67325930
ENTAGE	-.53124933E-02	.43533615E-01
FK*MS	-.39442112E-02	.33378674E-01
ETH1	.15243159	.45344457
INCOME	.15434975E-04	.56533102E-04
FK*	.35241377E-01	.27923624E-01
ETH2	-.30710700	.77587135
PSSOME	.10823451	1.0779092
NOINC	-.11142757	.67739977
LANG	.57300313	1.2884759
PSHS	-.84537341E-01	1.0342535
FK*SOME	-.31744030E-02	.32171468E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	.55544437	.20958133
OCCUP	.23450123E-01	.77117524E-01
NOOCCUP	-.25170017	.62247125
ENTAGE	-.21347754E-01	.40435266E-01
FK*MS	.14550094E-01	.30978774E-01
ETH1	.13441062	.41832413
INCOME	.77313132E-04	.54350440E-04
FK*	.27946087E-01	.25932686E-01
ETH2	-.54424531	.72055193
PSSOME	-.41259032	1.0010549
NOINC	-.14159431	.62910155
LANG	-.35321133	1.1055433
PSHS	-.53531174	1.1523373
FK*SOME	.23111141E-01	.29817601E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	.75630499	1.5316676
OCCUP	.34123417	.41709428
NOOCCUP	3.2739548	3.2923349
ENTAGE	-.36019334	.21307217
FK*MS	.14711603	.10396537
ETH1	.35519234	2.2120415
INCOME	.31950764E-03	.20750737E-03
FK*	.65737351	.13716442
ETH2	2.4174017	3.0111750
PSSOME	-5.8306015	5.2948280
NOINC	-6.6130360	3.3274765
LANG	-2.8641025	6.2291538
PSHS	-6.7614035	5.3751137
FK*SOME	.11740914	.15663037

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	1.3355751	1.7808652
OCCUP	.59352305	.47505596
NOOCCUP	1.9583392	3.0409604
ENTAGE	.56144457E-02	.34050431
FK*MS	.50357431E-01	.19127844
ETH1	4.1693068	2.5812091
INCOME	.55118065E-03	.30541716E-03
FK*	.72844807	.10601796
ETH2	-2.4231579	4.4601744
PSSOME	-5.4612128	6.1770216
NOINC	-3.0259734	3.0818700
LANG	-2.4971671	7.3836865
PSHS	-3.7747025	6.2706840
FK*SOME	.10927225	.10436148

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.65796578	.57755356
OCCUP	.31217215E-01	.77240697E-01
NOOCCUP	-.41596783E-01	.63960698
ENTAGE	-.51441512E-01	.41548457E-01
FK*MS	.14133597E-01	.31552197E-01
ETH1	-.35245784	.42984479
INCOME	.42353018E-04	.53853397E-04
FK*	.11129526	.20646618E-01
ETH2	.83413082	.74938863
PSSOME	2.2130031	1.2206141
NOINC	-.23959765	.64642695
LANG	-.71682290	1.2295512
PSHS	-.73622245	1.3442110
FK*SOME	-.54532911E-02	.30700195E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	1.5623575	.62601475
OCCUP	.94524431E-02	.10692569
NOOCCUP	-.45576146	1.3473756
ENTAGE	-.14710201	.87524647E-01
FK*MS	.54647088E-01	.67076816E-01
ETH1	1.0381524	.90549725
INCOME	.24700057E-03	.11755898E-03
FK*	.19570011	.50132912E-01
ETH2	2.3644172	1.5596734
PSSOME	-1.4920711	2.1658455
NOINC	.53953973	1.3617234
LANG	-2.1515518	2.3961331
PSHS	-2.1467564	2.1997415
FK*SOME	.39516271E-01	.64472546E-01

Table F7-(8)-IIK

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT II-K PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE BEHAVIOR ANALYSIS MODEL

CODE

SEX = Sex
PSHS = Head Start
NOINC = Missing Income
OCCUP = Occupation
ENTAGE = Entry Age
ETH1 = White vs. Black
FKW = Fall Kindergarten WRAT
INCOME = Income
LANG = First Language
PSSOME = Some Preschool
NOOCCUP = Missing Occupation
ETH2 = White vs. Other
FKWSOME = FKW x Some Preschool
FKWHS = FKW x Head Start

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	1.0192730	.61049691
PSHS	.34648759	1.7316453
NOINC	-.58056975E-01	1.5824115
OCCUP	.35900663	.15901306
ENTAGE	-.17457929E-01	.83522504E-01
ETH1	2.1316434	1.0875918
FKW	.32376732	.47289270E-01
INCOME	.17228739E-04	.12320782E-03
LANG	1.4140353	2.4250615
PSSOME	-.33229054	1.9311343
NOOCCUP	-.20852221	1.3889368
ETH2	-2.1155714	1.8905893
FKWSOME	-.51456086E-02	.61243430E-01
FKWHS	-.51380033E-01	.50389305E-01

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	-.41737175	.82766417
PSHS	-2.7371947	2.3461154
NOINC	-1.6924304	2.1439264
OCCUP	.21547089	.21652233
ENTAGE	-.80859086E-01	.11316026
ETH1	2.0637785	1.4734669
FKW	.41547405	.64009685E-01
INCOME	.19302317E-03	.16692781E-03
LANG	2.2362934	3.9640111
PSSOME	-2.0854474	2.0163026
NOOCCUP	-.73701365	2.1527671
ETH2	.77316022	2.5614197
FKWSOME	.42111127E-01	.84975512E-01
FKWHS	.43341199E-01	.70398912E-01

Raven's

VARIABLE	B	STD ERROR B
SEX	-1.0447737	.37203800
PSHS	.11922143	1.0509441
NOINC	.74527765	.96505266
OCCUP	.44802258E-01	.97544709E-01
ENTAGE	-.66821186E-01	.55973428E-01
ETH1	1.9347025	.60360635
FKW	.18643004	.20963806E-01
INCOME	.32747020E-04	.75202955E-04
LANG	-2.8128459	1.7953621
PSSOME	.50544481	1.1767017
NOOCCUP	-.47149212	.90983549
ETH2	1.5817012	1.1534361
FKWSOME	-.47721591E-01	.37381064E-01
FKWHS	-.34244211E-01	.34102030E-01

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	2.3617232	.94328354
PSHS	.31940698	2.8155641
NOINC	-2.3297141	2.5729361
OCCUP	.24355293	.25984947
ENTAGE	-.24332429	.13580416
ETH1	2.7440624	1.7683146
FKW	.52506880	.70890330E-01
INCOME	.64710175E-05	.20033085E-03
LANG	3.2544160	4.7560282
PSSOME	-.44934727E-01	3.1399450
NOOCCUP	.42910254	2.9835460
ETH2	-1.9354728	3.0739719
FKWSOME	-.53580027E-01	.99579303E-01
FKWHS	-.63490317E-01	.91686695E-01

MAT Reading

VARIABLE	B	STD ERROR B
SEX	.49887595	.60922461
PSHS	-.72630318	1.7269219
NOINC	-.27766131	1.5759952
OCCUP	.10231790	.15937714
ENTAGE	-.17633229E-01	.83294883E-01
ETH1	2.1465399	1.0845853
FKW	.29884943	.47100231E-01
INCOME	.16521707E-03	.12267175E-03
LANG	.20303117	2.4170819
PSSOME	-1.7311177	1.4258468
NOOCCUP	-.59645497	1.5946127
ETH2	.14475016E-01	1.8854125
FKWSOME	.31490866E-01	.61076379E-01
FKWHS	.13724164E-01	.55235494E-01

MAT Language

VARIABLE	B	STD ERROR B
SEX	.47171411	.63945607
PSHS	-.30131134	1.8126167
NOINC	.25104533	1.0564349
OCCUP	.25732840	.10728589
ENTAGE	-.12143519	.87423002E-01
ETH1	2.1975543	1.1364055
FKW	.33744793	.49500456E-01
INCOME	.13493024E-03	.12895809E-03
LANG	-.23175250	3.0613358
PSSOME	-1.3532403	2.1214338
NOOCCUP	-.51328933	1.0632352
ETH2	1.0255423	1.4789616
FKWSOME	.21707470E-01	.64107162E-01
FKWHS	.31824217E-02	.54926659E-01

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	-.44146709	.62291632
PSHS	.50752706	1.7654493
NOINC	-.55425342	1.0133093
OCCUP	.30671567	.10293252
ENTAGE	-.55300032E-01	.85152976E-01
ETH1	3.3712741	1.1987423
FKW	.34947061	.45212369E-01
INCOME	-.27630063E-03	.12551310E-03
LANG	3.0421325	2.9621416
PSSOME	-.55432454	1.9606726
NOOCCUP	.31117710	1.5199350
ETH2	-1.9829315	1.4274456
FKWSOME	-.14940303E-01	.62438924E-01
FKWHS	-.48894531E-01	.57490100E-01

Table F7-(8)-IIK (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	.39973058	.57372141
PSHS	.38435209	1.6262886
NOINC	-.22519641	1.4861301
OCCUP	.17242472	.15068925
ENTAGE	-.22715771E-01	.78440599E-01
ETH1	1.8211469	1.0213800
FKW	.34135427	.44411920E-01
INCOME	.16584661E-03	.11571127E-03
LANG	.35313728E-01	2.7470859
PSSOME	-1.3427349	1.8136349
NOOCCUP	-.55229269	1.4922583
ETH2	-.84134242	1.7755287
FKWSOME	-.13143411E-01	.57517290E-01
FKWHS	-.57214456E-01	.52958312E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	.81514194E-01	1.3366118
PSHS	-.14574679	3.7687874
NOINC	-1.4776417	3.4622666
OCCUP	.37624399	.34906814
ENTAGE	-.13419231	.10274471
ETH1	4.2134184	2.3795344
FKW	.70556657	.19346738
INCOME	.35934225E-03	.20957497E-03
LANG	2.5176246	6.3499478
PSSOME	-3.8165051	4.2232833
NOOCCUP	-1.7234086	3.4705456
ETH2	.78757024	4.1304866
FKWSOME	.73684796E-01	.13399877
FKWHS	.57796303E-01	.12337879

Coopersmith

VARIABLE	B	STD ERROR B
SEX	.74923344	.66542136
PSHS	-.43217389	1.0276358
NOINC	-.72616457	1.7249597
OCCUP	.48453267E-01	.17420038
ENTAGE	.10742360	.91940492E-01
ETH1	-1.1544285	1.1855219
FKW	.59237128E-01	.51549140E-01
INCOME	.12447133E-04	.13430666E-03
LANG	-3.2266147	3.1805566
PSSOME	-1.0367152	2.1050082
NOOCCUP	-.34314938	1.7320718
ETH2	2.1747389	2.0608852
FKWSOME	.58144844E-01	.46760375E-01
FKWHS	.59412903E-02	.61408982E-01

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	.97754252	1.5880450
PSHS	1.7364673	4.5015086
NOINC	-.64410579	4.1135670
OCCUP	.83712023	.41544207
ENTAGE	-.10303233	.21712142
ETH1	7.3291584	2.0271516
FKW	.39516040	.14293097
INCOME	.11352266E-03	.34028560E-03
LANG	4.4920017	7.6038581
PSSOME	-3.1425300	5.0200914
NOOCCUP	-.57884181	4.1305299
ETH2	-4.9411434	4.9146146
FKWSOME	-.33235383E-01	.15920572
FKWHS	-.16740092	.14658715

IARS(-)

VARIABLE	B	STD ERROR B
SEX	.59259760E-01	.24033479
PSHS	-.40680932E-01	.72393911
NOINC	-.59230318	.64327340
OCCUP	-.33752390E-01	.64963345E-01
ENTAGE	.14534355E-01	.33953119E-01
ETH1	-.15447291	.44210571
FKW	.51646065E-01	.19223759E-01
INCOME	.25771071E-04	.51083776E-04
LANG	.46146439	1.1390798
PSSOME	-1.2283094	.75503431
NOOCCUP	.34395263	.64592613
ETH2	-.23212782	.70854331
FKWSOME	.13177658E-01	.24895350E-01
FKWHS	-.16177226E-01	.22923077E-01

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.44336759	.20420835
PSHS	.48872585	.74890832
NOINC	-1.1230447	.60435714
OCCUP	.59246053E-01	.69110540E-01
ENTAGE	-.58395024E-02	.35122120E-01
ETH1	.87215712	.47034340
FKW	.14250155	.22451816E-01
INCOME	.20552423E-04	.53205369E-04
LANG	1.5127549	1.2659464
PSSOME	1.0267305	.83518405
NOOCCUP	.65392683	.63713923
ETH2	-.20256025	.81703606
FKWSOME	-.33123969E-01	.20486734E-01
FKWHS	-.24787527E-01	.24387454E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	.33426029	.20379160
PSHS	1.1176343	.74774967
NOINC	.11493784E-01	.66330835
OCCUP	.75733562E-01	.67009469E-01
ENTAGE	.24447461E-01	.35056235E-01
ETH1	.30935175	.46962672
FKW	.55534796E-01	.26420175E-01
INCOME	.52716326E-04	.53212931E-04
LANG	.17439229	1.2630836
PSSOME	-.35623460	.83349194
NOOCCUP	-.37466335	.80612617
ETH2	-.36277796E-01	.81637109
FKWSOME	.58675306E-02	.26445606E-01
FKWHS	-.32544791E-01	.24349724E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	.46540315E-01	.55539030
PSHS	-.74561779	1.4317367
NOINC	1.3041401	1.3003492
OCCUP	.19800534	.19213459
ENTAGE	-.45900032E-01	.64057007E-01
ETH1	1.3254772	.89919564
FKW	.19444018	.39099067E-01
INCOME	.11638022E-03	.15106911E-03
LANG	-1.7935175	2.4184410
PSSOME	-2.0819708	1.5966757
NOOCCUP	-1.2618152	1.3137444
ETH2	1.2301125	1.5531280
FKWSOME	.54331439E-01	.51636508E-01
FKWHS	.28239440E-01	.40623182E-01

Table F7-(9)-IIK

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT II-K PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE COGNITIVE CURRICULUM MODEL

CODE

SEX = Sex
ETH1 = White vs. Black
FKWSOME = FKW x Some Preschool
ENTAGE = Entry Age
OCCUP = Occupation
NOOCCUP = Missing Occupation
INCOME = Income
FKWHS = FKW x Head Start
LANG = First Language
FKW = Fall Kindergarten WRAT
NOINC = Missing Income
PSHS = Head Start
ETH2 = White vs. Other
PSSOME = Some Preschool

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	1.3476225	1.1899498
ETH1	2.0743245	2.1040563
FKWSOME	-.44127400E-01	.14387766
ENTAGE	-.11421056	.15367822
OCCUP	.15860215	.30231883
NOOCCUP	.34177064E-01	2.4766234
INCOME	.10446920E-03	.24237668E-03
FKWHS	-.21030479E-01	.14204135
LANG	4.3245911	5.2616032
FKW	.44287396	.11240359
NOINC	-1.9390742	2.5899140
PSHS	-3.4112191	3.3098244
ETH2	-1.4783121	3.5464345
PSSOME	-2.7359645	3.4637883

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	3.3545146	1.3139828
ETH1	2.0815063	2.5372150
FKWSOME	.20724206E-02	.14932883
ENTAGE	-.29321379	.13526251
OCCUP	.37913656	.30445218
NOOCCUP	.36924419	2.9856247
INCOME	-.25527073E-04	.27219349E-03
FKWHS	-.59750354E-01	.14764567
LANG	.35205622	6.3429709
FKW	.47216838	.13550583
NOINC	-2.8154763	3.1221990
PSHS	-2.3723731	3.9900671
ETH2	-1.4230559	4.2753358
PSSOME	-5.2531513	4.1756739

MAT Language

VARIABLE	B	STD ERROR B
SEX	.40249650	.83796927
ETH1	.22436094	1.0106658
FKWSOME	-.47803356E-01	.95231815E-01
ENTAGE	-.21583789	.11814789
OCCUP	.41727384	.23242266
NOOCCUP	1.2625591	1.7048292
INCOME	.15069795E-03	.10633931E-03
FKWHS	-.50848719E-01	.94285960E-01
LANG	-1.1625477	4.4451231
FKW	.36233434	.86415935E-01
NOINC	-.58363603	1.7911271
PSHS	-.51810702	2.5445946
ETH2	.10370434	2.7265085
PSSOME	-.10447431	2.5629621

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	.31946143	.84678511
ETH1	1.7146153	1.0312217
FKWSOME	.47373554E-01	.90606472E-01
ENTAGE	.42446535E-01	.11910887
OCCUP	.52442264	.23431333
NOOCCUP	-1.5396370	1.9195162
INCOME	.17615423E-03	.10783495E-03
FKWHS	-.12211071	.95052868E-01
LANG	1.7845540	4.0780251
FKW	.25748790	.87118821E-01
NOINC	1.2153445	2.9973225
PSHS	2.0932115	2.3652917
ETH2	-3.9102190	2.7486772
PSSOME	-2.5152520	2.6846270

Raven's

VARIABLE	B	STD ERROR B
SEX	-.58358342	.55177490
ETH1	.24128534E-01	.96889266
FKWSOME	-.45314228E-01	.57644689E-01
ENTAGE	-.12425842	.73748840E-01
OCCUP	.55614359E-01	.13917450
NOOCCUP	-1.1182309	1.1401372
INCOME	-.10534310E-04	.11157973E-03
FKWHS	-.70466141E-01	.50458307E-01
LANG	-5.6882389	2.4222144
FKW	.24379442	.51745748E-01
NOINC	.97637086	1.1622843
PSHS	1.0477364	1.5236909
ETH2	2.0349315	1.6326244
PSSOME	1.5987629	1.5945782

MAT Reading

VARIABLE	B	STD ERROR B
SEX	1.0144231	.81642436
ETH1	.91743076	1.3704589
FKWSOME	-.24778622E-01	.92783721E-01
ENTAGE	-.37286477E-01	.11511320
OCCUP	.33459746	.22644715
NOOCCUP	.78339753	1.0550749
INCOME	.26530561E-03	.10134835E-03
FKWHS	-.27956534E-01	.91861780E-01
LANG	.27353958	3.9411192
FKW	.32863377	.84194101E-01
NOINC	-1.8697461	1.9399334
PSHS	.47399671E-01	2.4791777
ETH2	-1.7477956	2.0563097
PSSOME	-.73268778	2.5944969

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	-.15717695	.81995454
ETH1	2.4136121	1.3639462
FKWSOME	.37356416E-01	.92648758E-01
ENTAGE	-.12356655	.11419419
OCCUP	.59236314	.22465257
NOOCCUP	-2.4789345	1.8403743
INCOME	.21444137E-03	.13210957E-03
FKWHS	-.11342018E-01	.91133821E-01
LANG	5.3225253	3.3298477
FKW	.49141952	.93526923E-01
NOINC	1.5514634	1.7245414
PSHS	-.33433017	2.4595245
ETH2	-5.3648735	2.3353499
PSSOME	-3.1833574	2.2739347

Table F7-(9)-IIK (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	.30310113	.70604424
ETH1	.20488031	1.5169557
FKWSOME	-.25788930E-01	.87398937E-01
ENTAGE	-.45733502E-01	.11491141
OCCUP	.41132420	.21810712
NOOCCUP	-.54846471	1.7874068
INCOME	.23823674E-03	.17492616E-03
FKWHS	-.10673742	.86511011E-01
LANG	1.1159469	3.7973621
FKW	.49742381	.81123020E-01
NOINC	.13112287	1.0691720
PSHS	.73481604	2.0607400
ETH2	-3.7824471	2.5595043
PSSOME	-1.7546401	2.4998575

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	2.3522456	1.7819220
ETH1	3.6957832	3.4407693
FKWSOME	-.17789425E-01	.28256823
ENTAGE	-.13160056	.22123871
OCCUP	.52335655	.44424177
NOOCCUP	.77757461	4.0465736
INCOME	.43477487E-03	.39624617E-03
FKWHS	-.49649613E-01	.24049688
LANG	4.5981276	8.0018593
FKW	.77123774	.10370146
NOINC	-3.0387803	4.6340851
PSHS	-3.3641282	5.4110208
ETH2	-2.9261179	5.7978394
PSSOME	-3.4385923	5.0627264

Coopersmith

VARIABLE	B	STD ERROR B
SEX	.35407617	.92493306
ETH1	-1.4656195	1.7859918
FKWSOME	-.12231138	.10511490
ENTAGE	-.64370051E-01	.13040918
OCCUP	.10534171	.25654352
NOOCCUP	.97117428E-01	2.1016279
INCOME	.37306637E-03	.20567745E-03
FKWHS	-.73634528E-01	.10407088
LANG	-3.1637728	4.4649227
FKW	.17682031	.95384112E-01
NOINC	-2.6705258	2.1977647
PSHS	.79460980E-01	2.6086706
ETH2	.26209053	3.0094546
PSSOME	3.0885468	2.9393222

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	.53285061	2.1493347
ETH1	4.4172337	4.1425622
FKWSOME	.56240662E-01	.24369497
ENTAGE	-.14175652	.30233641
OCCUP	1.6311100	.59476216
NOOCCUP	-4.2949763	4.0723454
INCOME	.52883334E-03	.41653592E-03
FKWHS	-.24021013	.24127455
LANG	8.2136261	10.351332
FKW	.34653132	.22113542
NOINC	3.4279526	5.0952263
PSHS	3.3394432	6.5115937
ETH2	-13.457560	6.9770217
PSSOME	-7.3532794	6.8144290

IARS (-)

VARIABLE	B	STD ERROR B
SEX	-.10706409E-01	.35038703
ETH1	.12720081	.69586245
FKWSOME	-.20050009E-01	.42956529E-01
ENTAGE	.47875979E-03	.50812085E-01
OCCUP	.54128121E-01	.99958540E-01
NOOCCUP	-1.1140462	.81886946
INCOME	-.47335127E-03	.80139299E-04
FKWHS	-.35445244E-01	.40549741E-01
LANG	1.4200221	1.7396937
FKW	.77277176E-01	.37165065E-01
NOINC	.43256336	.85632781
PSHS	.19531606	1.0943586
ETH2	-1.6956362	1.1725912
PSSOME	-.42490571E-01	1.1452651

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.21448645	.33951494
ETH1	.59964309E-01	.65558955
FKWSOME	-.49746716E-01	.30585169E-01
ENTAGE	-.26229577E-01	.47869970E-01
OCCUP	.15230284	.94173753E-01
NOOCCUP	-.95234186E-01	.77143538
INCOME	-.41994954E-04	.75499983E-04
FKWHS	-.23758938E-01	.30201835E-01
LANG	.43327335	1.0307422
FKW	.12739273	.35013138E-01
NOINC	-.36910239E-01	.80674492
PSHS	-.26320142	1.0349932
ETH2	-.31547520E-01	1.1240961
PSSOME	.55408749	1.0789521

IARS (+)

VARIABLE	B	STD ERROR B
SEX	.59447097	.35330142
ETH1	.27444151	.72160514
FKWSOME	-.20433553E-01	.41292736E-01
ENTAGE	.77333721E-02	.51191077E-01
OCCUP	.55318538E-01	.11071587
NOOCCUP	-.75114524	.82499165
INCOME	.23374573E-04	.81733451E-04
FKWHS	-.15824121E-01	.40852907E-01
LANG	.29449234	1.7527014
FKW	.77284953E-01	.37442925E-01
NOINC	.21178429	.85273175
PSHS	-.74833388E-01	1.1025495
ETH2	-1.1147358	1.1313520
PSSOME	.55133730	1.1538276

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	.15441162	.60794478
ETH1	.15460263	1.2897552
FKWSOME	-.30733049E-01	.75999224E-01
ENTAGE	-.18916031	.94175617E-01
OCCUP	.26586795	.10580412
NOOCCUP	1.3541933	1.5177005
INCOME	.42290598E-03	.14453095E-03
FKWHS	-.37742331E-01	.75155283E-01
LANG	-1.5496211	3.2243651
FKW	.23434141	.60832387E-01
NOINC	-.54672185	1.3871262
PSHS	-.22324932	2.0282948
ETH2	.24520206	2.1732919
PSSOME	-.73915181	2.1220454

Table F7-(10)-IIK

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT II-K PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE PARENT EDUCATION MODEL

CODE

SEX = Sex
PSHS = Head Start
LANG = Language
ENTAGE = Entry Age
INCOME = Income
OCCUP = Occupation
FKW = Fall Kindergarten WRAT
NOOCCUP = Missing Occupation
PSSOME = Some Preschool
ETH1 = White vs. Black
ETH2 = White vs. Other
NOINC = Missing Income
FKWSOME = FKW x Some Preschool
FKWHS = FKW x Head Start

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	-.17[illegible]	.71149030
PSHS	-1.2387[illegible]	2.1170643
LANG	.46913707	2.0391818
ENTAGE	.16984049E-01	.80300579E-01
INCOME	.54935012E-04	.14682376E-03
OCCUP	.15479114	.22614785
FKW	.22352212	.44525445E-01
NOOCCUP	-4.3189433	1.7455150
PSSOME	-1.1364566	2.0264519
ETH1	1.0398440	1.5673962
ETH2	.30356527	2.0365011
NOINC	3.7440197	1.7299621
FKWSOME	-.15473004E-01	.60626725E-01
FKWHS	.59275789E-04	.67596746E-01

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	.29716730	1.1356482
PSHS	-1.3349536	3.3791609
LANG	-.29560434	4.2125394
ENTAGE	-.15714769	.14104979
INCOME	.24859076E-03	.22477563E-03
OCCUP	.52823455	.32964374
FKW	.37946092	.71069516E-01
NOOCCUP	-4.9552591	2.7861110
PSSOME	-.71936265	3.2345295
ETH1	4.6864394	2.5018059
ETH2	2.5843729	3.2505697
NOINC	4.2344065	2.7612861
FKWSOME	.30324303E-01	.14634652
FKWHS	.38132136E-01	.13789371

Raven's

VARIABLE	B	STD ERROR B
SEX	-1.2345[illegible]	.51241567
PSHS	.31715493	1.5247158
LANG	1.9383051	1.9007394
ENTAGE	-.25874751E-01	.63643059E-01
INCOME	.13926102E-03	.10142998E-03
OCCUP	-.12621076E-01	.14946778
FKW	.15221479	.32067263E-01
NOOCCUP	-1.5[illegible]0637	1.2571[illegible]
PSSOME	.47171974	1.4594517
ETH1	3.4425674	1.1268395
ETH2	-1.4914360	1.4666891
NOINC	1.6143748	1.2459196
FKWSOME	-.17947964E-01	.47984651E-01
FKWHS	-.11794225E-01	.40682707E-01

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	3.1946318	1.3460363
PSHS	-2.4626723	3.6683634
LANG	-2.0221510	4.0223157
ENTAGE	-.43424639	.10146713
INCOME	.24823425E-03	.25731250E-03
OCCUP	.25947505E-01	.37667370
FKW	.45417785	.81357[illegible]7E-01
NOOCCUP	-5.7430[illegible]33	3.1594060
PSSOME	-.93134187E-01	3.7527363
ETH1	4.0715197	2.8639496
ETH2	4.2253512	3.7216983
NOINC	4.[illegible]6164	3.1609997
FKWSOME	-.66879054E-01	.12174047
FKWHS	.35832837E-01	.12351161

MAT Reading

VARIABLE	B	STD ERROR B
SEX	.31462498	.73813794
PSHS	-.84442010	2.1963553
LANG	-1.2154434	2.7300268
ENTAGE	-.10112403	.91678270E-01
INCOME	.11848026E-03	.14609755E-03
OCCUP	.53644063E-01	.21306476
FKW	.17651747	.40193090E-01
NOOCCUP	-5.4548376	1.9106903
PSSOME	-1.0112439	2.1623401
ETH1	3.1776121	1.0261023
ETH2	1.6499753	2.1127747
NOINC	4.6107413	1.7947548
FKWSOME	.42187071E-01	.64122114E-01
FKWHS	.29295565E-01	.73127740E-01

MAT Language

VARIABLE	B	STD ERROR B
SEX	.10[illegible]4560E-01	.7968[illegible]77
PSHS	-2.0544323	2.3711585
LANG	-1.1162652	2.9559456
ENTAGE	-.10441714E-01	.90974695E-01
INCOME	.31951096E-03	.13772514E-03
OCCUP	.16512626	.23609[illegible]12
FKW	.21976[illegible]	.49695[illegible]E-01
NOOCCUP	-3.[illegible]721	1.9551152
PSSOME	-2.[illegible]728	2.2696716
ETH1	1.2744905	1.7555182
ETH2	.30[illegible]36583	2.2869250
NOINC	[illegible].0278919	1.7375956
FKWSOME	.7[illegible]57456E-01	.74623397E-01
FKWHS	.1[illegible]420463	.73769658E-01

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	-.42284170	.72642362
PSHS	-2.7415595	2.1674672
LANG	-[illegible].6417067	2.7120143
ENTAGE	-.73471287E-01	.91472[illegible]E-01
INCOME	-.233[illegible]1017E-04	.14173[illegible]7E-03
OCCUP	.345[illegible]5206	.21105540
FKW	.17413[illegible]10	.49565525E-01
NOOCCUP	-3.21[illegible]6042	1.7873721
PSSOME	-1.0721015	2.0740375
ETH1	[illegible].0722555	1.0147127
ETH2	[illegible].01[illegible]15	2.0449963
NOINC	4.3915248	1.7711449
FKWSOME	.31474[illegible]E-01	.40212470E-01
FKWHS	.74457342E-01	.49205[illegible]E-01

Table F7-(10)-IIK (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	-.54675160	.85209480
PSHS	-2.0220991	1.7421162
LANG	-1.9271449	2.4210566
ENTAGE	-.13110563	.81006049E-01
INCOME	.17441506E-03	.12918453E-03
OCCUP	.14551463	.10911238
FKW	.15938162	.40846010E-01
NOOCCUP	-5.1229061	1.6012767
PSSOME	-2.1519017	1.8509017
ETH1	-.49877384	1.4378711
ETH2	.36689252	1.6682115
NOINC	4.4717530	1.5870030
FKWSOME	.40530613E-01	.61120885E-01
FKWMS	.73306955E-01	.62010105E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	.63588037	1.7399457
PSHS	-7.1934136	5.1772653
LANG	-1.5126974	6.4541726
ENTAGE	-.25817172	.21610476
INCOME	.30607096E-03	.34438252E-03
OCCUP	.39142742	.56413345
FKW	.57616839	.11888679
NOOCCUP	-12.476197	4.4606476
PSSOME	-1.7292565	4.7556772
ETH1	6.3606515	3.0330590
ETH2	4.2393482	4.9562925
NOINC	6.8562274	4.2330130
FKWSOME	.73111774E-01	.10293530
FKWMS	.57432701E-01	.10530577

Coopersmith

VARIABLE	B	STD ERROR B
SEX	1.9421448	.97299586
PSHS	-2.2402847	2.7951833
LANG	-2.7546001	3.0092018
ENTAGE	-.58217314E-01	.12044815
INCOME	.31771297E-03	.19258232E-03
OCCUP	.79745361E-01	.20191671
FKW	.14313039	.60890633E-01
NOOCCUP	-2.1286072	2.3874725
PSSOME	1.5231339	2.7712666
ETH1	1.2523480	2.1434868
ETH2	2.5035570	2.7850094
NOINC	1.7823935	2.3458032
FKWSOME	-.52806901E-01	.91115127E-01
FKWMS	.52433112E-01	.92440719E-01

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	-1.1387135	1.6323449
PSHS	-7.7644068	5.4522864
LANG	-4.1224537	6.7906454
ENTAGE	-.14937226	.24754003
INCOME	.24904917E-03	.30267683E-03
OCCUP	.64533725	.53093528
FKW	.57381593	.11466918
NOOCCUP	-14.451543	4.4953327
PSSOME	-4.3530601	5.2188666
ETH1	2.4130357	4.3300122
ETH2	2.0257593	5.2447271
NOINC	13.241012	4.4552782
FKWSOME	.64331099E-01	.17150702
FKWMS	.15194543	.17608427

IARS(-)

VARIABLE	B	STD ERROR B
SEX	.28727360	.33915418
PSHS	-.47464479	1.0231946
LANG	-1.7412725	1.6500651
ENTAGE	.20177384E-01	.44124842E-01
INCOME	.84671112E-04	.67129745E-04
OCCUP	.62704401E-01	.95269719E-01
FKW	.25844761E-01	.21225890E-01
NOOCCUP	-.33744537	.93297881
PSSOME	-1.1417499	.90603028
ETH1	.50447674E-01	.74717040
ETH2	.97706574	.97079650
NOINC	-.27988022	.82466479
FKWSOME	.25531492E-01	.31750647E-01
FKWMS	.22326711E-01	.32222718E-01

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.40391148	.35849827
PSHS	-1.4595749	1.0667241
LANG	.37218561	1.3298128
ENTAGE	-.20914903E-01	.44526207E-01
INCOME	.15153063E-03	.71955466E-04
OCCUP	.16172057E-01	.10307161
FKW	.74425182E-01	.32435025E-01
NOOCCUP	-.78347465	.87951190
PSSOME	-1.0446637	1.0210673
ETH1	.40238732	.70976315
ETH2	.47280065E-01	1.0261304
NOINC	1.0546213	.87167515
FKWSOME	.17153173E-01	.33571175E-01
FKWMS	.37565243E-01	.34059587E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	.17121765	.36226999
PSHS	-1.9743087	1.0779438
LANG	.52550343	1.3437394
ENTAGE	-.37184622E-01	.44994326E-01
INCOME	.25742322E-04	.71702855E-04
OCCUP	.46153023E-01	.10490412
FKW	.33702245E-01	.22470942E-01
NOOCCUP	-4.4013104	.86876236
PSSOME	-1.3706912	1.0318067
ETH1	-.25300057E-01	.77600975
ETH2	.63400092E-01	1.0369275
NOINC	1.4236342	.40054308
FKWSOME	.53003944E-01	.73324271E-01
FKWMS	.50542222E-01	.74417520E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	-.30299589	.80017665
PSHS	-1.1588374	1.7858466
LANG	-1.6884118	2.2252773
ENTAGE	.24531892E-02	.74543150E-01
INCOME	.16747534E-03	.11879126E-03
OCCUP	.16955560	.17389573
FKW	.11443304	.37559395E-01
NOOCCUP	-4.7457424	1.4724268
PSSOME	-1.4668091	1.7094107
ETH1	.41610317	1.3221749
ETH2	.28307697	1.7178877
NOINC	4.5732706	1.4593071
FKWSOME	.53722572E-01	.50292881E-01
FKWMS	.71998705E-01	.57020551E-01

Table F7-(11)-IIK

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT II-K PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE EDC MODEL

CODE

SEX = Sex
ETH2 = White vs. Other
NOOCCUP = Missing Occupation
ENTAGE = Entry Age
OCCUP = Occupation
INCOME = Income
PSSOME = Some Preschool
FKW = Fall Kindergarten WRAT
PSHS = Head Start
ETH1 = White vs. Black
LANG = First Language
NOINC = Missing Income
FKWHS = FKW x Head Start
FKWSOME = FKW x Some Preschool

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	-.75403456	.80242291
ETH2	1.2233465	2.0344160
NOOCCUP	-.34284003	1.5962254
ENTAGE	-.14137914	.13194448
OCCUP	.44841415E-01	.20634641
INCOME	.40287446E-04	.16602443E-03
PSSOME	-.33975006	2.3525447
FKW	.31251166	.50081619E-01
PSHS	-1.0825087	2.4984419
ETH1	.30933170	2.3605068
LANG	-.13937967	3.3434115
NOINC	.13113621	1.0376492
FKWHS	-.41403138E-01	.79102661E-01
FKWSOME	-.34421263E-01	.73909971E-01

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	-.41233760	1.2472670
ETH2	3.3457649	4.0993370
NOOCCUP	-1.1364286	2.3964075
ENTAGE	-.19841795	.16936172
OCCUP	.11421762	.72732587
INCOME	.11153337E-03	.24069952E-03
PSSOME	-4.7644460	3.4921713
FKW	.41960641	.81103348E-01
PSHS	-2.3314147	3.5131626
ETH1	1.3349358	3.4136855
LANG	.51493720	4.4085100
NOINC	-.84463219	2.3250015
FKWHS	.10202615E-01	.11439474
FKWSOME	.16119045	.13977844

Raven's

VARIABLE	B	STD ERROR B
SEX	-1.0275322	.81367231
ETH2	-.40300374	2.0168790
NOOCCUP	-.30912001	1.1358225
ENTAGE	-.58774074E-01	.93173223E-01
OCCUP	.52342319E-01	.10105653
INCOME	-.50475751E-05	.11813701E-03
PSSOME	-.86556297	1.0739050
FKW	.19959961	.35965870E-01
PSHS	-.57837799	1.7778106
ETH1	3.2751566	1.6796615
LANG	-.90190094E-01	2.1691512
NOINC	.16851517E-02	1.1439869
FKWHS	.17824647E-01	.50206474E-01
FKWSOME	.30182075E-01	.54615925E-01

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	1.2339304	1.4668064
ETH2	2.6956317	4.6207666
NOOCCUP	-.30464214	2.7144556
ENTAGE	-.41322492	.22270320
OCCUP	-.75749174E-01	.30495911
INCOME	-.11425756E-04	.28237456E-03
PSSOME	-5.0145136	4.0012017
FKW	.51909056	.95303456E-01
PSHS	-2.4342459	4.2493428
ETH1	4.6514180	4.6147432
LANG	5.2424418	5.1847265
NOINC	-1.0904455	2.7343723
FKWHS	.10384118E-01	.13453656
FKWSOME	.59121962E-01	.12910746

MAT Reading

VARIABLE	B	STD ERROR B
SEX	-.83082432	.87632612
ETH2	4.0529003	2.0801999
NOOCCUP	-.32480603	1.0219583
ENTAGE	-.13410475	.13305139
OCCUP	.97483268E-01	.22948926
INCOME	.32741356E-04	.16870133E-03
PSSOME	-5.7128989	2.3904716
FKW	.20853475	.50985717E-01
PSHS	1.3604299	2.3307196
ETH1	3.4971406	2.3995608
LANG	.17353955	3.0975552
NOINC	-.14177421E-02	1.0336171
FKWHS	-.43950994E-01	.80377274E-01
FKWSOME	.19475765	.77133723E-01

MAT Language

VARIABLE	B	STD ERROR B
SEX	-.31552494	1.0785670
ETH2	4.3511774	3.3147291
NOOCCUP	-2.3514331	1.0667178
ENTAGE	-.23355290	.15312934
OCCUP	[illegible]	.20469549
INCOME	-.55526087E-04	.17415829E-03
PSSOME	[illegible]	2.7612914
FKW	.33276350	.43585071E-01
PSHS	-.52774131	2.9218217
ETH1	4.2644762	2.7835124
LANG	-1.3847240	3.5649477
NOINC	.37742773	1.8801340
FKWHS	-.13410677E-01	.62530501E-01
FKWSOME	.14971080	.40773486E-01

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	-1.0771395	.92764663
ETH2	-1.0570051	3.0487785
NOOCCUP	-.93324303	1.7109465
ENTAGE	-.44317038E-01	.14104931
OCCUP	-.49973575E-01	.24345818
INCOME	.59419748E-04	.17593813E-03
PSSOME	-3.1546330	2.0304643
FKW	.28111174	.60322085E-01
PSHS	.11458767E-01	2.0813052
ETH1	1.0487391	2.5930283
LANG	2.4590124	3.2759541
NOINC	-.45619025E-01	1.7242271
FKWHS	-.20126175E-01	.85084428E-01
FKWSOME	.12119129	.81650925E-01

Table F7-(11)-IIK (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	.23948356	.81513515
ETH2	.56743054	2.0790013
NOOCCUP	-1.3117551	1.3367023
ENTAGE	.12501760E-01	.12376685
OCCUP	.17245043	.21392967
INCOME	.11561713E-03	.15692147E-03
PSSOME	-1.0817736	2.2235519
FKW	.19372516	.53006591E-01
PSHS	-2.1751376	2.3614491
ETH1	2.0226761	2.2310772
LANG	1.0232291	2.0812631
NOINC	.13948301	1.5195470
FKWHS	.56414767E-01	.74794793E-01
FKWSOME	.65440565E-01	.71747729E-01

Coopersmith

VARIABLE	B	STD ERROR B
SEX	-.56247705	1.1636005
ETH2	5.0777261	3.0242592
NOOCCUP	-.75615377E-01	2.1536640
ENTAGE	-.20189064	.17666701
OCCUP	.11445116	.20538367
INCOME	.35647004E-04	.22460451E-03
PSSOME	-5.8345376	3.1741677
FKW	.13174557	.45606608E-01
PSHS	-2.4975061	3.3709552
ETH1	5.0345336	3.1848540
LANG	-4.6219256	4.1129468
NOINC	-2.1155419	2.1691448
FKWHS	.10735524	.10672632
FKWSOME	.15219214	.10241948

IARS(-)

VARIABLE	B	STD ERROR B
SEX	.58864272	.47610688
ETH2	1.1446606	1.3649376
NOOCCUP	.47540697	.80130788
ENTAGE	-.10229277	.72294852E-01
OCCUP	.15670746	.12495705
INCOME	-.40641319E-05	.91605619E-04
PSSOME	-.91712351	1.2980870
FKW	-.54318707E-02	.39963780E-01
PSHS	-2.5745215	1.3794396
ETH1	.57240700	1.3632829
LANG	.56374127	1.6830897
NOINC	-.46342578	.80794280
FKWHS	.45132451E-01	.43673825E-01
FKWSOME	.43224618E-01	.41911408E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	-.10941784	.50001178
ETH2	1.1525241	1.9062512
NOOCCUP	.43285422E-01	1.4735215
ENTAGE	-.92522352E-01	.98062391E-01
OCCUP	.17384222	.15262242
INCOME	-.14197445E-04	.11165793E-03
PSSOME	-2.4781067	1.5921748
FKW	.53371784E-02	.37716094E-01
PSHS	-2.3705441	1.0832960
ETH1	-.40445447E-01	1.5575206
LANG	1.3446936	2.0501711
NOINC	-.41725083	1.0412381
FKWHS	.11323303	.53149106E-01
FKWSOME	.11442105	.51052305E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	-1.5223014	1.9199132
ETH2	8.1397249	5.3399125
NOOCCUP	-1.4653142	3.5534751
ENTAGE	-.34332671	.24199627
OCCUP	.21187035	.50347317
INCOME	.10371493E-03	.30960312E-03
PSSOME	-10.667345	5.2371738
FKW	.52714316	.12494743
PSHS	-.97115503	5.5619458
ETH1	4.5273054	5.2543983
LANG	.69267833	6.7802935
NOINC	-.69603993	3.5790178
FKWHS	-.27755404E-01	.17697493
FKWSOME	.29598410	.10878878

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	-1.5923565	2.2417663
ETH2	.67176473E-01	7.3675121
NOOCCUP	-2.6370596	4.1490769
ENTAGE	-.61200821	.34035427
OCCUP	.10328317	.50832778
INCOME	.22592562E-03	.43154019E-03
PSSOME	-5.4461081	6.1149821
FKW	.70779756	.14577324
PSHS	-3.2462575	6.4942129
ETH1	4.7469068	6.1356774
LANG	3.9731528	7.4237515
NOINC	.17528278	4.1769009
FKWHS	-.53143162E-02	.20561039
FKWSOME	.15271659	.14731318

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.43223473	.44300223
ETH2	1.5174481	1.4559593
NOOCCUP	-.34262251	.81993521
ENTAGE	-.96784153E-01	.67260420E-01
OCCUP	.51381545E-01	.11826466
INCOME	-.38952311E-04	.85202755E-04
PSSOME	-.94742579	1.2064357
FKW	.12944393	.28867540E-01
PSHS	-.71462416E-01	1.2635759
ETH1	1.5631775	1.2125265
LANG	-.61149056	1.5656827
NOINC	-.39977422	.85582959
FKWHS	-.24783711E-01	.40602449E-01
FKWSOME	.25869171E-01	.20952003E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	-.93774467	.70173618
ETH2	2.0336294	2.5692332
NOOCCUP	-3.0308476	1.4460855
ENTAGE	-.13526681	.11868903
OCCUP	.26174554E-02	.20510441
INCOME	-.26544296E-04	.13449185E-03
PSSOME	-3.0746054	2.1344451
FKW	.60314163	.50034724E-01
PSHS	-.44917090	2.2646922
ETH1	4.7742492	2.1396621
LANG	-.76842427	2.7632176
NOINC	.77762194	1.4572856
FKWHS	.11243433E-01	.71701415E-01
FKWSOME	.12384171	.10687671E-01

Table F7-(1)-IIK

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED ON THE COHORT II-K PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE SELF-SPONSORED MODEL

CODE

SEX = Sex
PSHS = Head Start
LANG = First Language
INCOME = Income
ENTAGE = Entry Age
FKW = Fall Kindergarten WRAT
OCCUP = Occupation
NOINC = Missing Income
ETH1 = White vs. Black
PSSOME = Some Preschool
ETH2 = White vs. Other
NOOCCUP = Missing Occupation
FKWHS = FKW x Head Start
FKWSOME = FKW x Some Preschool

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	.64621453	[illegible]
PSHS	1.7926163	2.1948789
LANG	.74113313E-01	1.0393769
INCOME	.28509905E-04	.13537969E-03
ENTAGE	.75644920E-01	.93624527E-01
FKW	.20858031	.59161091E-01
OCCUP	.16146041	.16790912
NOINC	-.14997566	1.3913408
ETH1	.31922414	.91197880
PSSOME	-2.0432472	2.1302074
ETH2	-.47519283	1.1804464
NOOCCUP	-.31703295	1.0804851
FKWHS	-.94231136E-01	.69511288E-01
FKWSOME	.22251335E-01	.69148665E-01

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	.11935182	.94703844
PSHS	-1.9547268	3.1073891
LANG	.20842087E-01	2.3984527
INCOME	.17723085E-03	.19122752E-03
ENTAGE	-.11129487	.13224721
FKW	.34949928	.83506661E-01
OCCUP	.13755209	.23717622
NOINC	-1.1456736	1.9653076
ETH1	.71584266	1.6581950
PSSOME	-2.0573411	3.0682049
ETH2	.15317369	1.0674411
NOOCCUP	-1.0326516	1.9499733
FKWHS	.34673389E-01	.90106596E-01
FKWSOME	.53013244E-01	.87673533E-01

Raven's

VARIABLE	B	STD ERROR B
SEX	-.62148057	.41991384
PSHS	1.0828516	1.3778065
LANG	-2.1345524	1.1521457
INCOME	-.68708805E-04	.84789676E-04
ENTAGE	-.36306112E-01	.50637992E-01
FKW	.13927749	.37653192E-01
OCCUP	-.23651760E-02	.16516318
NOINC	.44299451	.87141087
ETH1	1.3702167	.57118158
PSSOME	-.52218067	1.3693033
ETH2	.11421457	.79933807
NOOCCUP	-1.3654247	.80461185
FKWHS	-.18742700E-01	.43535625E-01
FKWSOME	.14939099E-01	.43308135E-01

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	[illegible]	1.1200668
PSHS	[illegible]	3.6751237
LANG	[illegible]	3.0732023
INCOME	[illegible]	.22616569E-03
ENTAGE	[illegible]	.15640939
FKW	.50249442	.98834682E-01
OCCUP	[illegible]	.28050043
NOINC	-1.0817189	2.3243778
ETH1	-.13641194	1.5235543
PSSOME	-.42317913	3.0524345
ETH2	-.45101304	1.4760904
NOOCCUP	-1.0932376	2.3062423
FKWHS	-.41420349E-01	.11612575
FKWSOME	-.10290724E-01	.11551895

MAT Reading

VARIABLE	B	STD ERROR B
SEX	-.15905906	.70350541
PSHS	-1.9134053	2.3035140
LANG	-.56946438	1.9304195
INCOME	.19251300E-03	.14230535E-03
ENTAGE	-.50483177E-02	.30247974E-01
FKW	.22800505	.52082604E-01
OCCUP	.29311013	.17520085
NOINC	-.60557657	1.4500445
ETH1	.73101274	.95791443
PSSOME	-2.0393130	2.2942619
ETH2	-.22193509	1.2307636
NOOCCUP	-.60933055	1.4486567
FKWHS	.84392213E-01	.72943917E-01
FKWSOME	.10893732	.72562757E-01

MAT Language

VARIABLE	B	STD ERROR B
SEX	.57475149	.73937113
PSHS	.13352031	2.4259094
LANG	-.12514310	2.0280620
INCOME	.21179075E-03	.14329550E-03
ENTAGE	.10130196E-02	.10324793
FKW	.27308174	.65242097E-01
OCCUP	.22011933	.19516903
NOINC	1.4751023	1.0343529
ETH1	[illegible]	1.4257186
PSSOME	-1.2213022	2.4110209
ETH2	.75674411	1.3618033
NOOCCUP	-2.0533166	1.3223814
FKWHS	.13630135E-01	.70035162E-01
FKWSOME	.31739737E-01	.70255614E-01

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	-.12585177	.67583929
PSHS	-1.8031125	2.2175367
LANG	.32470050	1.3543427
INCOME	.40832475E-04	.13646635E-03
ENTAGE	.52493416E-01	.94376327E-01
FKW	.20553478	.57635962E-01
OCCUP	.24703230	.10925688
NOINC	-.52903504	1.4025887
ETH1	1.7777021	.91929931
PSSOME	-1.5987749	2.2038463
ETH2	-1.2244432	1.1399417
NOOCCUP	-1.4348729	1.3915659
FKWHS	.34642144E-01	.75009237E-01
FKWSOME	.33511708E-01	.69763998E-01

Table F7-(1)-IIK (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	-.13796475	.63907587
PSMS	-.17234427E-02	2.3999106
LANG	.30867125	1.7534730
INCOME	.18974219E-03	.12904706E-03
ENTAGE	.15158561	.89242305E-01
FK*	.22202155	.66391976E-01
OCCUP	.13467014	.16344990
NOINC	-.13155379	1.3202172
ETH1	1.7436236	.80929739
PSSOME	-2.6949121	2.0839468
ETH2	-1.1443321	1.1252131
NOOCCUP	-1.3723266	1.3158697
FK*MS	-.49340219E-02	.60257718E-01
FK*SOME	.57155372E-01	.65911496E-01

Coopersmith

VARIABLE	B	STD ERROR B
SEX	1.5245777	.75413072
PSMS	.34763503	2.4744567
LANG	-2.6264374	2.4691836
INCOME	.39714458E-04	.15227710E-03
ENTAGE	.43230480E-01	.16531027
FK*	.52356321E-01	.66945280E-01
OCCUP	.56316382E-01	.10436668
NOINC	-.53346423	1.3453609
ETH1	-1.7467192	1.0250874
PSSOME	-1.3272495	2.4591840
ETH2	-.24781223	1.3278662
NOOCCUP	-1.5473524	1.3827913
FK*MS	-.39766759E-01	.70197336E-01
FK*SOME	.32564456E-01	.77778776E-01

IARS(-)

VARIABLE	B	STD ERROR B
SEX	-.15413300E-01	.28476899
PSMS	.33744761	.93437396
LANG	.33612417	.70133973
INCOME	-.23517912E-04	.57501311E-04
ENTAGE	.37712293E-01	.37705871E-01
FK*	.50416123E-01	.25128312E-01
OCCUP	-.11382122E-01	.71317520E-01
NOINC	-.34639701E-01	.59395645
ETH1	-.15714124E-01	.30735290
PSSOME	.77497525E-01	.32900939
ETH2	-.51333134	.53138990
NOOCCUP	-.33230377	.54834942
FK*MS	-.10773348E-01	.29564142E-01
FK*SOME	-.33334397E-02	.27309867E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	[illegible]	.29303074
PSMS	.71742735E-01	.40613880
LANG	[illegible]	.34622777
INCOME	[illegible]	.57322552E-04
ENTAGE	[illegible]	.61032638E-01
FK*	[illegible]	.55928415E-01
OCCUP	[illegible]	.73569197E-01
NOINC	[illegible]	.44978021
ETH1	[illegible]	.39009116
PSSOME	[illegible]	.35918428
ETH2	-.10337443	.41736145
NOOCCUP	[illegible]	.46592251
FK*MS	[illegible]	.31404576E-01
FK*SOME	.17523938E-01	.38305348E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	-.39771234E-01	1.5431320
PSMS	-3.0721921	5.0698326
LANG	-.34236219	4.6394824
INCOME	.30572465E-03	.31179953E-03
ENTAGE	-.11794139	.21576673
FK*	.32116433	.13634263
OCCUP	.44366423	.30696272
NOINC	-1.8114362	3.2604788
ETH1	1.4416356	2.1617429
PSSOME	-5.5972641	5.0305328
ETH2	-.58441199E-01	2.7204984
NOOCCUP	-2.2422202	3.1414638
FK*MS	.11916688	.19519545
FK*SOME	.17115957	.13935837

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	-.33761994	1.7359753
PSMS	-.12224083E-01	5.0053967
LANG	1.6575912	4.7622886
INCOME	.32519497E-03	.33047035E-03
ENTAGE	.27911744	.24237476
FK*	.75479285	.13315997
OCCUP	.50397385	.43405238
NOINC	-.31350049	3.6018969
ETH1	4.4653190	2.3809267
PSSOME	-5.4649341	5.0593771
ETH2	-3.2449691	3.4553841
NOOCCUP	-3.1742325	3.3737038
FK*MS	-.44038173E-01	.17995261
FK*SOME	.15531144	.17961620

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.30964422	.20943871
PSMS	.42439418	.94641492
LANG	-.32337703	.77110859
INCOME	.43147273E-04	.50242067E-04
ENTAGE	.20594035E-01	.40276422E-01
FK*	.11390115	.23451828E-01
OCCUP	.70684475E-01	.72236665E-01
NOINC	.19421933E-02	.59457101
ETH1	-.57469043E-01	.37234448
PSSOME	.22539964E-02	.94057231
ETH2	.27730971	.50705114
NOOCCUP	-.53739762	.59390166
FK*MS	-.20844132E-01	.29904610E-01
FK*SOME	-.31146251E-02	.29749347E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	.25130718	.59267149
PSMS	-.29114893	1.9433971
LANG	-.57234053	1.6230522
INCOME	.10777148E-03	.11959921E-03
ENTAGE	-.17510335E-01	.82703777E-01
FK*	.15478361	.82201961E-01
OCCUP	.14945185	.14832917
NOINC	1.4742331	1.6294477
ETH1	1.0474736	.83562716
PSSOME	-1.2230622	1.4313756
ETH2	.40909401	1.4420467
NOOCCUP	-1.4729131	1.2144082
FK*MS	.34544267E-01	.51405136E-01
FK*SOME	.44453762E-01	.41384273E-01

Table F7-(13)-IIK

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT II-K PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE INTERDEPENDENT LEARNING MODEL

CODE

SEX = Sex
PSHS = Head Start
FKW = Fall Kindergarten WRAT
ENTAGE = Entry Age
INCOME = Income
LANG = First Language
OCCUP = Occupation
NOINC = Missing Income
PSSOME = Some Preschool
NOOCCUP = Missing Occupation
FKWHS = FKW x Head Start
ETH2 = White vs. Other
FKWSOME = FKW x Some Preschool

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	1.6936752	1.3841261
PSHS	3.2864131	7.0728641
FKW	.29530031	.23481906
ENTAGE	.56111729E-01	.19137748
INCOME	.16108111E-03	.27074490E-03
LANG	1.3925354	5.2404875
OCCUP	.31657345	.33771456
NOINC	-2.0672291	3.3488957
PSSOME	-1.4735477	6.9531541
NOOCCUP	2.5302309	3.3271652
FKWHS	-.21302131	.20257803
ETH2	-4.7379407	4.9911486
FKWSOME	-.34744513E-01	.20725134

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	1.4415054	1.6674544
PSHS	7.4760113	8.0225386
FKW	.37447278	.31665284
ENTAGE	-.67346306E-01	.23331842
INCOME	.33386095E-03	.33606830E-03
LANG	4.1562617	4.3683054
OCCUP	.48127933	.41171179
NOINC	-6.5555394	4.1314426
PSSOME	6.3539145	8.4791162
NOOCCUP	5.5914652	4.6561862
FKWHS	-.44852456	.32611196
ETH2	-3.9162354	6.9847580
FKWSOME	-.44217371	.31971369

Raven's

VARIABLE	B	STD ERROR B
SEX	-.57873908	.74974234
PSHS	-5.3316125	3.3311398
FKW	-.54990483E-01	.13802831
ENTAGE	-.12579015	.12306377
INCOME	-.13524325E-03	.14605493E-03
LANG	-4.9258491	2.0429153
OCCUP	.15117930E-01	.16293351
NOINC	.93553292	1.5356698
PSSOME	-5.9818426	3.7674121
NOOCCUP	-.32491177	1.5022321
FKWHS	.13791103	.14223116
ETH2	1.4878385	2.7035654
FKWSOME	.19943466	.14295420

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	[illegible]	2.1295903
PSHS	17.858395	10.371888
FKW	1.0441187	.37394059
ENTAGE	[illegible]	.29062306
INCOME	.14723451E-03	.39700228E-03
LANG	1.2545086	7.6059150
OCCUP	.33466973	.44520211
NOINC	[illegible]	4.9692548
PSSOME	[illegible]	11.198574
NOOCCUP	[illegible]	4.0787332
FKWHS	-.74759754	.30502691
ETH2	-3.5775265	7.3186876
FKWSOME	-.50244336	.36454798

MAT Reading

VARIABLE	B	STD ERROR B
SEX	1.4349673	1.2529579
PSHS	2.7591723	5.4925421
FKW	.47126095	.23807580
ENTAGE	.75710531E-02	.17324131
INCOME	.24595031E-03	.24538747E-03
LANG	.12249104	4.7511365
OCCUP	.22515455	.30571167
NOINC	-2.4145766	3.4677473
PSSOME	.93173504	6.2903414
NOOCCUP	1.5512364	3.0113427
FKWHS	-.13481183	.23703454
ETH2	-2.1362544	4.5151573
FKWSOME	-.13576164	.23739880

MAT Language

VARIABLE	B	STD ERROR B
SEX	1.0949081	1.2634582
PSHS	-7.1386633	6.4561979
FKW	.32147137	.24261391
ENTAGE	-.15193032	.17462314
INCOME	[illegible]	.24714140E-03
LANG	[illegible]	4.7438521
OCCUP	.24941616	.31427264
NOINC	-1.5739637	3.0434522
PSSOME	[illegible]	6.3408147
NOOCCUP	1.7353475	3.0371133
FKWHS	.42372293E-01	.23908451
ETH2	-.18599011	4.3568229
FKWSOME	[illegible]	.23433930

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	-.35942003	1.3330592
PSHS	-.51250227	6.8146653
FKW	.29524223	.24551879
ENTAGE	-.15157487	.10439263
INCOME	.24792754E-03	.20553343E-03
LANG	5.5744134	5.0569545
OCCUP	.31226400	.32538886
NOINC	-1.3134398	3.2652100
PSSOME	-2.4725542	6.7013093
NOOCCUP	.53850504	3.2657324
FKWHS	.21176522E-01	.25299462
ETH2	-8.2571116	4.0889449
FKWSOME	.44297514E-01	.25267065

Table F7-(13)-IIK (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	-.15254058	1.2448333
PSHS	-2.9028289	6.3610258
FKW	.26593591	.22917565
ENTAGE	-.55959528E-01	.17211795
INCOME	.28330419E-03	.24349824E-03
LANG	1.0147820	4.7202292
OCCUP	.28830924	.30372834
NOINC	-3.2996701	3.0478510
PSSOME	-5.0676640	6.6552157
NOOCCUP	3.0134005	2.9923328
FKWHS	-.19344765E-01	.24615324
ETH2	-3.7410925	4.4886598
FKWSOME	.43678544E-01	.23585943

Coopersmith

VARIABLE	B	STD ERROR B
SEX	1.2344277	1.2843774
PSHS	3.2229436	6.5630580
FKW	.33133141	.24645387
ENTAGE	-.22479404	.17758458
INCOME	.21531342E-03	.25123197E-03
LANG	-3.5673948	4.8701491
OCCUP	.46334016E-01	.31337544
NOINC	.33137173	3.1440537
PSSOME	2.8142723	6.4538873
NOOCCUP	-3.4432199	3.0873721
FKWHS	-.23424444	.24305369
ETH2	2.1194666	4.0314352
FKWSOME	-.22951562	.24335355

IARS(-)

VARIABLE	B	STD ERROR B
SEX	.54725527E-01	.51805434
PSHS	.90333011	2.6472276
FKW	.31235587E-01	.95374320E-01
ENTAGE	.54940573E-01	.71629231E-01
INCOME	.34726235E-04	.10133511E-03
LANG	2.2749576	1.9643977
OCCUP	.14511197E-01	.12640069
NOINC	-.92535955	1.2584647
PSSOME	.50351154	2.0031932
NOOCCUP	.34752166	1.2453111
FKWHS	-.45654477E-01	.90278389E-01
ETH2	-2.1123231	1.0601201
FKWSOME	-.29496491E-01	.93156114E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	.71315089	.51637665
PSHS	-1.5170571	2.6366547
FKW	.47764758E-01	.93005457E-01
ENTAGE	-.12435511E-01	.71397265E-01
INCOME	.24915402E-04	.10130694E-03
LANG	.33176787	1.9503261
OCCUP	.56567848E-01	.12599134
NOINC	-.57373414E-01	1.2642971
PSSOME	-1.7847451	2.5947633
NOOCCUP	-.11592144	1.2412672
FKWHS	.74513017E-02	.97960121E-01
ETH2	-1.1511196	1.8620534
FKWSOME	.13572490E-01	.97835242E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	2.8833557	2.7442750
PSHS	10.225685	14.423188
FKW	1.3473457	.51522744
ENTAGE	-.79717740E-01	.37944232
INCOME	.59774325E-03	.53680354E-03
LANG	4.2767128	17.413073
OCCUP	.46344597	.60959375
NOINC	-6.9761160	5.7191344
PSSOME	7.4517505	13.759924
NOOCCUP	7.1232725	6.5967617
FKWHS	-.58733539	.54601120
ETH2	-5.4515403	9.8954675
FKWSOME	-.57843435	.51946347

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	1.1717596	3.5453116
PSHS	.56127197	18.121445
FKW	.95650045	.60207950
ENTAGE	-.15152767	.49533384
INCOME	.70534183E-03	.69363374E-03
LANG	7.9317309	13.447104
OCCUP	1.1180867	.80525872
NOINC	-6.0463390	8.0827936
PSSOME	-9.0147068	17.823512
NOOCCUP	4.3832025	8.5245339
FKWHS	-.21535855	.67275314
ETH2	-15.700145	12.787974
FKWSOME	.32315044E-02	.67192211

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.57400013	.40514971
PSHS	-.52652202	2.4790868
FKW	.44884917E-01	.89316546E-01
ENTAGE	-.33790597E-01	.67079645E-01
INCOME	.10418727E-04	.94398730E-04
LANG	.55582485	1.8399181
OCCUP	.12513547	.11837223
NOINC	-.58452120	1.1878410
PSSOME	-.90526575	2.4374404
NOOCCUP	.19345001	1.1662339
FKWHS	.37138135E-02	.92138161E-01
ETH2	-.35180015	1.7494463
FKWSOME	.40618784E-02	.91921632E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	.42224192	1.0206563
PSHS	-1.5073413	5.2461525
FKW	.22659156	.10900837
ENTAGE	-.11413642	.14195148
INCOME	.22963371E-03	.24602121E-03
LANG	-1.0353178	3.8929322
OCCUP	.12367070	.35044558
NOINC	-.37294172	2.5139655
PSSOME	-2.7576456	5.1584873
NOOCCUP	1.5466494	2.4673773
FKWHS	.33508397E-01	.19470354
ETH2	.23243415	3.7021143
FKWSOME	.14435585E-01	.19452122

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Table F7-(14)-IIK

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT II-K PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE SEDL MODEL

CODE

SEX = Sex
PSSOME = Some Preschool
INCOME = Income
NOINC = Missing Income
ENTAGE = Entry Age
LANG = First Language
OCCUP = Occupation
FKW = Fall Kindergarten WRAT
ETH1 = White vs. Black
FKWHS = FKW x Head Start
ETH2 = White vs. Other
NOOCCUP = Missing Occupation
PSHS = Head Start
FKWSOME = FKW x Some Preschool

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	-.12496465	.64196273
PSSOME	-.14776753	2.3955815
INCOME	.15593473E-03	.13213378E-03
NOINC	1.9854119	1.4530484
ENTAGE	.77847736E-01	.41883143E-01
LANG	.47121461	1.2914256
OCCUP	.78749529E-01	.15307559
FKW	.32647309	.41757586E-01
ETH1	.45106726	.63601668
FKWHS	-.17314420E-01	.57622298E-01
ETH2	-1.0154514	.82903298
NOOCCUP	-.53555356	1.4479756
PSHS	-2.0872291	1.0240934
FKWSOME	-.19154153E-01	.74500430E-01

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	.23772762	.93427563
PSSOME	-3.5540799	2.0759942
INCOME	.21847663E-03	.10128653E-03
NOINC	3.2100225	1.9894552
ENTAGE	-.37492735E-01	.11234314
LANG	-.20320581	1.7718260
OCCUP	.12708065	.21083486
FKW	.33472469	.57291097E-01
ETH1	-.54507323	.97393318
FKWHS	.39296024E-01	.79057349E-01
ETH2	1.0575012	1.1355257
NOOCCUP	-3.0747806	1.9850114
PSHS	-1.7247946	2.2282436
FKWSOME	.11344431	.10222221

Raven's

VARIABLE	B	STD ERROR B
SEX	-1.5707092	.44670439
PSSOME	-2.1695070	1.3438928
INCOME	.10712518E-03	.64737974E-04
NOINC	.48412118	.92992234
ENTAGE	-.25046440E-01	.52512019E-01
LANG	-.38537002	.82819602
OCCUP	.37451197E-01	.90549571E-01
FKW	.14219593	.20779323E-01
ETH1	1.3349203	.40326507
FKWHS	.30548039E-01	.30953432E-01
ETH2	-.45472402E-01	.53217411
NOOCCUP	1.1240939	.92459309
PSHS	-2.0739423	1.0415382
FKWSOME	.95690378E-01	.47761291E-01

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	3.3923447	1.1945940
PSSOME	-3.0429214	3.0761952
INCOME	.26134191E-03	.23179862E-03
NOINC	1.0124439	2.5437795
ENTAGE	.55723773E-02	.14364532
LANG	-.53049424	2.2655120
OCCUP	.21442141	.26950014
FKW	.43913177	.73254172E-01
ETH1	.21140598	1.1167989
FKWHS	.59444727E-01	.10108519
ETH2	-.53593764	1.4557545
NOOCCUP	-.47740432	2.5401433
PSHS	-2.5850231	2.0491018
FKWSOME	.34137232E-01	.13070451

MAT Reading

VARIABLE	B	STD ERROR B
SEX	.15796607	.63611933
PSSOME	-3.3786655	1.5573626
INCOME	.52435726E-04	.12343238E-03
NOINC	2.9103302	1.3545584
ENTAGE	-.56979141E-01	.76490998E-01
LANG	.37649135E-02	1.2303814
OCCUP	.20801480	.14355193
FKW	.25549777	.39907726E-01
ETH1	.20439950	.59469360
FKWHS	-.42647430E-03	.53827700E-01
ETH2	-.27214487	.77518685
NOOCCUP	-1.2941017	1.3520221
PSHS	-.35594075	1.5171421
FKWSOME	.95464914E-01	.69599934E-01

MAT Language

VARIABLE	B	STD ERROR B
SEX	.44840551E-01	.67211100
PSSOME	-5.4271964	2.1290686
INCOME	.14745783E-03	.13429699E-03
NOINC	3.1878796	1.4737876
ENTAGE	.31754573E-01	.83223079E-01
LANG	-1.0180641	1.3125680
OCCUP	.24798548	.15618438
FKW	.25142030	.44441213E-01
ETH1	.31400517E-02	.64703994
FKWHS	.12014943E-01	.50563651E-01
ETH2	.19475321	.84391036
NOOCCUP	-1.0400491	1.4715019
PSHS	-1.9513718	1.0540819
FKWSOME	.11395759	.75726169E-01

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	-.99450191	.65772819
PSSOME	-3.6075123	2.1240758
INCOME	.17400395E-03	.12706413E-03
NOINC	1.2610535	1.4099462
ENTAGE	.91731476E-01	.79113315E-01
LANG	-.50830231	1.2477411
OCCUP	-.79306178E-02	.14947243
FKW	.35690735	.40345069E-01
ETH1	.52422016	.61508210
FKWHS	-.37926357E-01	.58673131E-01
ETH2	.13804456	.90170342
NOOCCUP	-.55108111	1.3909055
PSHS	-1.1742254	1.3691553
FKWSOME	.10239786	.71906102E-01

Table F7-(14)-IIK (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	-.44763915	.58572167
PSSOME	-1.2295795	1.8624713
INCOME	.97343915E-04	.11305324E-03
NOINC	2.0486043	1.2472412
ENTAGE	.43771294E-01	.74430773E-01
LANG	-.5027514	1.1108434
OCCUP	.54571962E-01	.13217745
FKW	.20132462	.95917271E-01
ETH1	-.11553169	.54757796
FKWHS	-.37707743E-01	.49553137E-01
ETH2	-.32427910	.71377135
NOOCCUP	-2.3120095	1.2454543
PSHS	-.4051498	1.3989439
FKWSOME	.68486228E-01	.64085758E-01

Coopersmith

VARIABLE	B	STD ERROR B
SEX	.38745341	.73618148
PSSOME	-.53863659	2.4193565
INCOME	.13359494E-03	.15255639E-03
NOINC	.20470534	1.6741121
ENTAGE	.10967403	.94535292E-01
LANG	.47835379	1.4999699
OCCUP	-.33114385E-01	.17741605
FKW	.12437767	.48239747E-01
ETH1	.32727195E-01	.73498331
FKWHS	.12546049E-02	.60525790E-01
ETH2	.95819571	.95095541
NOOCCUP	-.23273384	1.6717101
PSHS	.12775983	1.8750397
FKWSOME	.45911360E-01	.80018734E-01

IARS(-)

VARIABLE	B	STD ERROR B
SEX	.33346138E-02	.20814322
PSSOME	-.34151975	.98671796
INCOME	.75721599E-04	.55911215E-04
NOINC	.15519493	.61357486
ENTAGE	.99951541E-02	.34648112E-01
LANG	.33515533	.54645517
OCCUP	-.23522179E-01	.65324319E-01
FKW	.52842943E-01	.17669345E-01
ETH1	.73393608E-01	.20937859
FKWHS	.27713287E-01	.24382354E-01
ETH2	-.22153370E-01	.35113670
NOOCCUP	.39112518	.61263777
PSHS	-1.3116931	.60722043
FKWSOME	-.13476492E-01	.31526710E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	.13337055	.33793111
PSSOME	-1.2414240	1.0399327
INCOME	.28603484E-04	.65572140E-04
NOINC	.56701105	.71959364
ENTAGE	.25942057E-01	.41634913E-01
LANG	.34459881	.64807632
OCCUP	.46013372E-02	.76259778E-01
FKW	.55101215E-01	.21722406E-01
ETH1	.40914252	.31592416
FKWHS	.23627104E-01	.20595349E-01
ETH2	.32594430	.41160015
NOOCCUP	-.10537592	.71056601
PSHS	-.43341559	.43570434
FKWSOME	.42122134E-01	.30974166E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	.39509372	1.4548411
PSSOME	-2.8677240	4.4770571
INCOME	.26102242E-03	.27269689E-03
NOINC	6.1303645	3.0979522
ENTAGE	-.10447193	.17493904
LANG	-.26444289	2.7590631
OCCUP	.33530150	.32630914
FKW	.54011236	.95212891E-01
ETH1	-.26167466	1.3630981
FKWHS	.34472351E-01	.12310762
ETH2	.78743136	1.7728365
NOOCCUP	-4.3710023	3.0935239
PSHS	-2.6617354	3.4697903
FKWSOME	.25990422	.15917901

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	-1.4959597	1.6168176
PSSOME	-6.7723574	4.9754847
INCOME	.42712176E-03	.31372480E-03
NOINC	5.6930077	3.5428450
ENTAGE	.21320061	.19441488
LANG	-.71154911	3.3682276
OCCUP	.12460047	.30485957
FKW	.39686607	.95144849E-01
ETH1	.96171874	1.5115169
FKWHS	-.33584526E-01	.13601243
ETH2	-1.2811621	1.9702718
NOOCCUP	-3.4984912	3.4379236
PSHS	-3.6715358	3.0560795
FKWSOME	.15173195	.17690030

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.12464533	.31456164
PSSOME	-1.4806169	.96801726
INCOME	.10672545E-03	.61037475E-04
NOINC	.59821493	.66903040
ENTAGE	-.93843759E-02	.37824819E-01
LANG	-.62460456	.59655726
OCCUP	.54471041E-01	.76995176E-01
FKW	.10327062	.19289371E-01
ETH1	-.81911696E-02	.29407676
FKWHS	.14579702E-01	.20617868E-01
ETH2	.51364807	.38333062
NOOCCUP	-.26245563	.66887340
PSHS	-.81747411	.75022872
FKWSOME	.44019543E-01	.34417258E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	-.80315247E-01	.55420054
PSSOME	-3.9465075	1.7054647
INCOME	.40532381E-04	.10753489E-03
NOINC	2.4346046	1.1801193
ENTAGE	.41138949E-01	.40649478E-01
LANG	-1.2741245	1.0510249
OCCUP	.14351134	.12506459
FKW	.13815023	.33984351E-01
ETH1	.10330221E-01	.51810966
FKWHS	-.23567599E-02	.40393824E-01
ETH2	-.41446036	.57533911
NOOCCUP	-1.4343934	1.1784329
PSHS	-1.1414977	1.3217661
FKWSOME	.14995115	.33536925E-01

Table F7-(21)-IIK

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT II-K PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE HOME-SCHOOL PARTNERSHIP MODEL

CODE

SEX = Sex
PSHS = Head Start
FKW = Fall Kindergarten WRAT
INCOME = Income
ENTAGE = Entry Age
LANG = First Language
OCCUP = Occupation
NOOCCUP = Missing Occupation
PSSOME = Some Preschool
NOINC = Missing Income
ETH2 = White vs. Other
FKWHS = FKW x Head Start
FKWSOME = FKW x Some Preschool

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	1.9933461	1.4456757
PSHS	6.1511065	5.7392799
FKW	.33522609	.10418437
INCOME	.26751467E-03	.29629076E-03
ENTAGE	.92323138E-01	.20532853
LANG	.35128110	4.7525039
OCCUP	.43697579	.34879335
NOOCCUP	-1.7341038	3.2399419
PSSOME	-2.1929069	5.4414143
NOINC	.80413188	3.2078246
ETH2	-4.1331361	4.4617490
FKWHS	-.20803505	.17939332
FKWSOME	.61936714E-02	.17429292

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	.25849741	1.6494069
PSHS	1.7716335	7.3420780
FKW	.73265592	.21004217
INCOME	.33364416E-03	.30625417E-03
ENTAGE	-.84588413E-01	.20206641
LANG	2.3446105	6.0797230
OCCUP	.10720490	.44619639
NOOCCUP	6.1475465	4.1447546
PSSOME	1.7207712	6.9610281
NOINC	-7.9304123	4.1134671
ETH2	-1.4655766	5.7277721
FKWHS	-.24732749	.22937742
FKWSOME	-.24586930	.22495726

Raven's

VARIABLE	B	STD ERROR B
SEX	-.50133220	.81535720
PSHS	.55354491	3.2309343
FKW	.14735172	.92622331E-01
INCOME	-.35194432E-04	.10147229E-03
ENTAGE	-.13258871	.11560934
LANG	-5.4513759	2.6803976
OCCUP	-.13941526E-03	.19671681
NOOCCUP	-1.9931193	1.5273165
PSSOME	.44275411	3.4869430
NOINC	1.7162396	1.8892843
ETH2	1.0730775	2.5164178
FKWHS	-.24760967E-01	.10112659
FKWSOME	-.35524026E-01	.90340680E-01

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	2.0550092	2.1243114
PSHS	5.0742727	8.4322476
FKW	.75332064	.24122074
INCOME	.25519703E-03	.42063646E-03
ENTAGE	-.35744445E-01	.30166776
LANG	.43147151E-01	6.7824551
OCCUP	.33332677	.51244372
NOOCCUP	3.9295741	4.7601778
PSSOME	.74114659	7.9946185
NOINC	-7.9342494	4.7129895
ETH2	-2.3523784	6.5552760
FKWHS	-.33766704	.20343548
FKWSOME	-.22623173	.25607396

MAT Reading

VARIABLE	B	STD ERROR B
SEX	.57613473	1.4265748
PSHS	.83151172	5.6795305
FKW	.44816771	.10133864
INCOME	.47145194E-03	.25132862E-03
ENTAGE	.43473598E-02	.26176852
LANG	1.1124547	4.0679245
OCCUP	.17577481	.34273440
NOOCCUP	2.6587339	3.1836477
PSSOME	-1.7334324	5.3469365
NOINC	-3.7228595	3.1521274
ETH2	-3.3937917	4.3842799
FKWHS	-.79429463E-01	.17619012
FKWSOME	-.44343401E-01	.17126662

MAT Language

VARIABLE	B	STD ERROR B
SEX	.97742623	1.4540715
PSHS	-2.0122466	5.7726107
FKW	.33875493	.10514245
INCOME	.30730401E-03	.26796245E-03
ENTAGE	-.10755361	.21651796
LANG	1.2752613	4.7801010
OCCUP	.18515169	.35081595
NOOCCUP	2.3226551	3.2507574
PSSOME	-4.3632781	5.4740153
NOINC	-3.1517707	3.2204534
ETH2	-2.0573318	4.4876596
FKWHS	.92977180E-02	.15034462
FKWSOME	.17621420E-01	.17530503

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	-.52744442	1.4015567
PSHS	.54440044	5.3641289
FKW	.14173391	.10917249
INCOME	.20829383E-03	.27750249E-03
ENTAGE	-.11142116	.19905942
LANG	3.7519126	4.0374644
OCCUP	.39822493	.33914509
NOOCCUP	-1.0100151	3.1410656
PSSOME	-1.0623031	5.2733536
NOINC	.24521214	3.1099278
ETH2	-6.9460342	4.3255447
FKWHS	-.53653403E-01	.17383135
FKWSOME	-.56416523E-01	.10897377

Table F7-(21)-IIK (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	-.13713297	1.3556997
PSHS	-.22451779	5.3320785
FKW	.34650267	.15397256
INCOME	.10422149E-03	.20348103E-03
ENTAGE	-.31433923E-01	.19254448
LANG	.36509140	4.4567146
OCCUP	.32756538	.92708233
NOOCCUP	1.0970074	3.3302944
PSSOME	-3.0530349	5.1327515
NOINC	-1.3164017	3.0081733
ETH2	-3.2352081	4.1846576
FKWHS	-.99952342E-01	.10814363
FKWSOME	-.36940106E-01	.10344518

Coopersmith

VARIABLE	B	STD ERROR B
SEX	1.1597555	1.4124670
PSHS	2.3707573	5.0672044
FKW	.13451416	.10041690
INCOME	.75782070E-04	.27071178E-03
ENTAGE	-.10105194	.29060047
LANG	-2.5914707	4.6431337
OCCUP	.15642069	.34076330
NOOCCUP	-5.0622963	3.1653876
PSSOME	.72021125	5.3161955
NOINC	1.2513399	3.1340838
ETH2	.53994031	4.3590718
FKWHS	-.10581743	.17547779
FKWSOME	-.40864063E-01	.11028190

IARS(-)

VARIABLE	B	STD ERROR B
SEX	.25743406	.63428733
PSHS	1.0730965	2.3989975
FKW	.85327494E-01	.60630519E-01
INCOME	.60175546E-04	.11907223E-03
ENTAGE	.13957594	.65925302E-01
LANG	1.7340493	1.9805275
OCCUP	.23900047E-01	.14579306
NOOCCUP	-.15353475E-01	1.3542836
PSSOME	-.75147027	2.2744938
NOINC	-.20620050	1.3408584
ETH2	-1.5011506	1.6649934
FKWHS	-.58711764E-01	.79948114E-01
FKWSOME	-.23145234E-01	.72853746E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	.56107756	.59115831
PSHS	-.56942657	2.3468769
FKW	.59114027E-01	.67139456E-01
INCOME	.72919036E-04	.11707223E-03
ENTAGE	.79416825E-01	.63960664E-01
LANG	1.0722443	1.9433683
OCCUP	.50017713E-01	.14202556
NOOCCUP	-.22311334	1.3248685
PSSOME	-2.5540185	2.2250753
NOINC	[illegible]	1.3117270
ETH2	-1.5874352	1.0244751
FKWHS	-.19963784E-01	.73319744E-01
FKWSOME	.15470017E-01	.71270978E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	.33423213	3.0745927
PSHS	2.5333452	12.235564
FKW	1.1412436	.74017463
INCOME	.80515110E-03	.64807957E-03
ENTAGE	-.80341524E-01	.43600356
LANG	5.4970745	11.127892
OCCUP	.28207771	.74176862
NOOCCUP	6.0042444	6.0933490
PSSOME	-.30681119	11.572190
NOINC	-11.716272	6.6260441
ETH2	-4.5593663	9.4807596
FKWHS	-.32675695	.36102241
FKWSOME	-.25021221	.37066663

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	1.0349087	3.7654721
PSHS	6.7413512	14.932757
FKW	1.0906253	.44770867
INCOME	.82501997E-03	.74590731E-03
ENTAGE	-.51185047E-01	.53494215
LANG	4.4243541	12.381965
OCCUP	1.1525711	.90871633
NOOCCUP	-1.7171115	4.4411393
PSSOME	-5.9043549	14.170717
NOINC	-.55513965	8.3574618
ETH2	-13.945122	11.624356
FKWHS	-.37135679	.40714553
FKWSOME	-.87640111E-01	.43409150

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.25487154	.54514295
PSHS	-.54177292	2.1641976
FKW	.11317245	.61913365E-01
INCOME	.24064970E-04	.11795941E-03
ENTAGE	-.13197300E-01	.77425223E-01
LANG	.70659030	1.7920973
OCCUP	.74681231E-01	.13152369
NOOCCUP	1.0963494	1.2217342
PSSOME	-.67216773	2.0519744
NOINC	-1.2412297	1.4095230
ETH2	-.58647123	1.5444592
FKWHS	-.11215767E-01	.67612631E-01
FKWSOME	-.80211934E-02	.65723247E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	.71584059	1.1739472
PSHS	-2.1735082	4.0610670
FKW	.42558653	.13333564
INCOME	.27324600E-03	.23249690E-03
ENTAGE	-.15443651	.10673546
LANG	.26172521	3.0592888
OCCUP	.11407041	.30323671
NOOCCUP	1.2274551	2.6310688
PSSOME	-3.4877183	4.4187240
NOINC	-.47604199	2.5649273
ETH2	-1.5108305	3.0231817
FKWHS	.40512965E-01	.14500403
FKWSOME	.25242514E-01	.14153524

Table F7-(22)-IIK

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT II-K PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE CALIFORNIA PROCESS MODEL

CODE

SEX = Sex
ETH2 = White vs. Other
NOOCCUP = Missing Occupation
ENTAGE = Entry Age
INCOME = Income
FKWSOME = FKW x Some Preschool
OCCUP = Occupation
ETH1 = White vs. Black
FKW = Fall Kindergarten WRAT
PSHS = Head Start
LANG = First Language
NOINC = Missing Income
PSSOME = Some Preschool
FKWHS = FKW x Head Start

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	-.2064[illegible]	.89174279
ETH2	-.35[illegible]	1.5369637
NOOCCUP	1.3222558	2.5533497
ENTAGE	-.1[illegible]721485	.1[illegible]8003[illegible]4
INCOME	.59711224E-04	.17502342E-03
FKWSOME	.55955174E-01	.95469264E-01
OCCUP	-.12[illegible]31547	.23743720
ETH1	.54946599	2.1742561
FKW	.10836[illegible]43	.77131581E-01
PSHS	-1.7659223	2.9960561
LANG	-2.69[illegible]3312	2.2115[illegible]31
NOINC	-2.4443252	2.4830892
PSSOME	-1.9990029	3.1916011
FKWHS	.84346659E-01	.95475400E-01

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	.7[illegible]5[illegible]896[illegible]	1.2704427
ETH2	4.4251293	2.1987251
NOOCCUP	-1.[illegible]1[illegible]3817	3.6548995
ENTAGE	-.273[illegible]434[illegible]	.10699572
INCOME	-.14314613E-03	.25152493E-03
FKWSOME	-.26261469E-01	.13665443
OCCUP	.22741713E-01	.33986817
ETH1	-4.16[illegible]3738	3.1122354
FKW	.36346474	.11048633
PSHS	-1.6333[illegible]69	4.2885617
LANG	-3.3672633	3.1655[illegible]7
NOINC	-.36274369	3.3511516
PSSOME	-2.5845465	4.5685799
FKWHS	-.50306965E-01	.13666371

Raven's

VARIABLE	B	STD ERROR B
SEX	-1.53[illegible]7219	.55958118
ETH2	-.36446094E-01	.99390101
NOOCCUP	-.10763773E-01	1.0122755
ENTAGE	-.33719472E-01	.74080225E-01
INCOME	-.20641494E-04	.13982466E-03
FKWSOME	-.97667515E-01	.59969309E-01
OCCUP	.10379668E-01	.14699519
ETH1	.19924104	1.3443754
FKW	.17414467	.44461155E-01
PSHS	.9663[illegible]68	1.0860674
LANG	-1.9495646	1.3877494
NOINC	-1.0511615	1.5507936
PSSOME	1.165339[illegible]	2.[illegible]28249
FKWHS	-.33591595E-01	.54912160E-01

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	[illegible].3213431	1.4376275
ETH2	-.95633921E-02	2.4763725
NOOCCUP	.7354944[illegible]	4.1164274
ENTAGE	-.26365964	.14033591
INCOME	-.13666704E-03	.20216465E-03
FKWSOME	.28296[illegible]E-01	.15391124
OCCUP	.274[illegible]4172	.30270553
ETH1	.1[illegible]614	3.3652376
FKW	.374[illegible]5032	.12434[illegible]5
PSHS	-5.3838146	4.0301663
LANG	-4.6412695	3.3652654
NOINC	-1.6943196	3.9995776
PSSOME	-3.6151692	5.1454642
FKWHS	.7887354[illegible]E-01	.15392113

MAT Reading

VARIABLE	B	STD ERROR B
SEX	.46316402	.97723939
ETH2	2.3[illegible]1344	1.5110792
NOOCCUP	-1.6486[illegible]04	2.5118396
ENTAGE	-.17343343	.11614272
INCOME	-.15674163E-03	.17217662E-03
FKWSOME	.72745133E-01	.93916434E-01
OCCUP	.13686[illegible]29	.23337523
ETH1	-.7253014[illegible]	2.1338914
FKW	.19[illegible]64281	.75877[illegible]18E-01
PSHS	-.51[illegible]43933	2.9673245
LANG	-3.6[illegible]76[illegible]33	2.1755324
NOINC	-.337[illegible]2102	2.4435370
PSSOME	-2.9142 52	3.1397577
FKWHS	-.151[illegible]9019E-01	.939[illegible]247[illegible]E-01

MAT Language

VARIABLE	B	STD ERROR B
SEX	.5294791	.81054345
ETH2	[illegible].7644771	1.3461945
NOOCCUP	[illegible]	2.3208678
ENTAGE	-.10130728	.1[illegible]731259
INCOME	-.75737754E-04	.15938633E-03
FKWSOME	-.40[illegible]7365E-01	.80770127E-01
OCCUP	.1073750	.2158169[illegible]
ETH1	.52545719	1.4762751
FKW	.25721044	.74108218E-01
PSHS	[illegible].49[illegible]9118	2.7232445
LANG	-[illegible].1694[illegible]5	2.[illegible]1[illegible]13[illegible]4
NOINC	-.7773[illegible]353	2.2549871
PSSOME	1.51[illegible]49	2.[illegible]10563
FKWHS	-.11[illegible]0261	.86701795E-01

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	.4430276[illegible]	.80[illegible]321[illegible]6
ETH2	.35306247	1.4319334
NOOCCUP	-.[illegible]7335[illegible]	2.4633394
ENTAGE	-.40325043E-01	.11391294
INCOME	-.17241125E-04	.10885624E-03
FKWSOME	-.35332[illegible]24E-01	.[illegible]2133278E-01
OCCUP	.17[illegible]1945	.2[illegible]2937[illegible]79
ETH1	1.2477535	2.[illegible]975474
FKW	.2548[illegible]39	.74413745E-01
PSHS	2.3727341	2.0904361
LANG	-3.3237491	2.1335779
NOINC	-.30553103	2.3934719
PSSOME	.50642346	3.1742140
FKWHS	-.5[illegible]3703E-01	.92111193E-01

Table F7-(22)-IIK (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	.56168261	.70619142
ETH2	2.6337576	1.3197063
NOOCCUP	.43732917	2.1938725
ENTAGE	-.16843583	.10144056
INCOME	.79650098E-04	.15038130E-03
FK*SOME	.81733653E-01	.82027836E-01
OCCUP	-.62644231E-02	.26400764
ETH1	-.34631799	1.6681356
FK*	.14669713	.60271975E-01
PSHS	.36951724E-01	2.5742316
LANG	-3.4717613	1.9061383
NOINC	-1.1825269	2.1315967
PSSOME	-3.0523940	2.7423139
FK*HS	-.43904405E-02	.82033108E-01

Coopersmith

VARIABLE	B	STD ERROR B
SEX	1.3245412	.97113796
ETH2	2.3216[illegible]	1.7072759
NOOCCUP	-4.[illegible]5141	2.6379727
ENTAGE	.15241695	.13122255
INCOME	.95338955E-04	.17403183E-03
FK*SOME	-.13757789	.10611043
OCCUP	.4[illegible]346969	.26390235
ETH1	-2.1534090	2.4166[illegible]24
FK*	.2[illegible]774063	.85728798E-01
PSHS	2.1710052	3.3300015
LANG	-1.7433350	2.458[illegible]
NOINC	3.6933603	2.7574133
PSSOME	3.4455304	3.5474313
FK*HS	-.14[illegible]45046	.10611725

IARS(-)

VARIABLE	B	STD ERROR B
SEX	.34[illegible]23032	.38277436
ETH2	.11659[illegible]7	.65934458
NOOCCUP	-1.3242869	1.3903161
ENTAGE	.37310554E-01	.5[illegible]677736E-01
INCOME	.57563367E-04	.75127578E-04
FK*SOME	-.52736951E-02	.4[illegible]979514E-01
OCCUP	-.20171573E-02	.10191826
ETH1	.33831552E-01	.93328424
FK*	.51856[illegible]E-01	.33108192E-01
PSHS	.573[illegible]7464	1.2869361
LANG	-.5[illegible]248355	.94927222
NOINC	1.7927682	1.3649043
PSSOME	.38647632	1.3700068
FK*HS	-.137[illegible]E-01	.40952147E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	.54930443	.39616953
ETH2	.42179007	.60519991
NOOCCUP	-1.1463923	1.1357377
ENTAGE	-.14179[illegible]64E-01	.51127243E-01
INCOME	.31179038E-04	.75793953E-04
FK*SOME	.32275306E-01	.41342998E-01
OCCUP	.57317[illegible]67E-01	.10252226
ETH1	.55[illegible]12E-01	.94155239
FK*	.4725[illegible]337E-02	.33401859E-01
PSHS	-2.[illegible]3[illegible]9799	1.2074431
LANG	-1.3529345	.95709917
NOINC	1.3456155	1.[illegible]743499
PSSOME	-1.6988[illegible]23	1.3521585
FK*HS	.54327531E-01	.41345555E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	1.3650535	2.[illegible]
ETH2	[illegible].7252741	3.4951250
NOOCCUP	-2.53[illegible]21	5.0[illegible]
ENTAGE	-.44714083	.299[illegible]2
INCOME	-.29948970E-03	.39324433E-03
FK*SOME	.40526539E-01	.21722953
OCCUP	.1596[illegible]2[illegible]	.54225931
ETH1	-4.3857352	4.9472599
FK*	.57453255	.1755[illegible]
PSHS	-1.0439402	6.3171591
LANG	-6.7749266	5.[illegible]47
NOINC	-.72[illegible]0491	5.0449599
PSSOME	-5.4987538	7.4622[illegible]
FK*HS	-.335[illegible]9587E-01	.21764259

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	.7982[illegible]15	2.2[illegible]994
ETH2	[illegible]67	3.7697517
NOOCCUP	1.2[illegible]	5.2995495
ENTAGE	-.2614763[illegible]	.241296[illegible]2
INCOME	.12100101E-03	.43151612E-03
FK*SOME	.1[illegible]115[illegible]	.23554186
OCCUP	.49119[illegible]E-01	.50580241
ETH1	[illegible].4514065	5.3643[illegible]42
FK*	.50440644	.19229431
PSHS	.53576046	7.3918411
LANG	-1[illegible]445061	5.4561094
NOINC	-4.5923031	6.1208263
PSSOME	-[illegible].9965394	7.0744854
FK*HS	.15524715E-01	.2355[illegible]

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.36864946	.4[illegible]508315
ETH2	.49364557	.70299063
NOOCCUP	-.57785171	1.1684840
ENTAGE	-.51172989E-01	.54[illegible]285186E-01
INCOME	-.67[illegible]0425E-04	.8[illegible]949660E-04
FK*SOME	-.10642055E-02	.4360[illegible]353E-01
OCCUP	-.742[illegible]0389E-01	.1[illegible]8557[illegible]3
ETH1	.314[illegible]2[illegible]32E-01	.99499241
FK*	.91431424E-01	.35297284E-01
PSHS	-.11779625	1.[illegible]71[illegible]
LANG	-1.095[illegible]439	1.[illegible]122375
NOINC	.12897092	1.1353151
PSSOME	-.25238613	1.4605948
FK*HS	-.50394721E-02	.43691861E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	.1612[illegible]63	.50869777
ETH2	1.47[illegible]6315	.97960464
NOOCCUP	.58[illegible]1062	1.0283744
ENTAGE	-.11[illegible]19429	.75243172E-01
INCOME	-.45959241E-05	.11161891E-03
FK*SOME	-.44921453E-01	.60804282E-01
OCCUP	.26183444	.1514[illegible]9
ETH1	.79320519	1.3[illegible]05[illegible]76
FK*	.10578741	.47194663E-01
PSHS	4.16[illegible]7[illegible]41	1.7100958
LANG	-4.4733011	1.4103573
NOINC	-.40636455	1.5621548
PSSOME	1.77[illegible]517[illegible]	2.[illegible]354531
FK*HS	-.11222024	.[illegible]6881958E-01

Table F7-(2)-IIIEF

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT III-EF PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE RESPONSIVE EDUCATION MODEL

CODE

SEX	= Sex
ETH1	= White vs. Black
ENTAGE	= Entry Age
NOOCCUP	= Missing Occupation
OCCUP	= Occupation
PSSOME	= Some Preschool
INCOME	= Income
FEW	= Fall Entering First WRAT
FEWHS	= FEW x Head Start
NOINC	= Missing Income
PSHS	= Head Start
FEWSOME	= FEW x Some Preschool

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	-.37466332	.74186791
ETH1	.28084578	.44501619
ENTAGE	-.65056278E-01	.42286025E-01
NOOCCUP	-3.3442035	1.8847595
OCCUP	.77822590E-01	.18327254
PSSOME	.87692576	3.6588214
INCOME	.99919940E-04	.13445089E-03
FEW	.31497926	.66010058E-01
FEWHS	-.10511305E-01	.80384160E-01
NOINC	2.6464115	1.8738461
PSHS	.13635980	3.2365399
FEWSOME	-.32466407E-01	.30229079E-01

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	.53155172	1.0702727
ETH1	1.3005804	.54201277
ENTAGE	-.28983717	.11871181
NOOCCUP	-4.2187755	2.7190913
OCCUP	.25630187	.26440232
PSSOME	1.1141173	5.2794824
INCOME	.20797590E-03	.19426585E-03
FEW	.51408844	.45232073E-01
FEWHS	-.72503560E-01	.11546005
NOINC	1.3618547	2.7033469
PSHS	1.3042866	4.6692083
FEWSOME	-.22760053E-01	.11574518

Raven's

VARIABLE	B	STD ERROR B
SEX	-.63094486	.52610906
ETH1	1.2654097	.31559069
ENTAGE	-.35826432E-01	.58354514E-01
NOOCCUP	-1.9213946	1.3366080
OCCUP	.11176444	.12997579
PSSOME	5.1083914	2.5947146
INCOME	.16657024E-03	.95494193E-04
FEW	.22046694	.46812706E-01
FEWHS	-.42955070E-01	.57605778E-01
NOINC	1.3142033	1.3248694
PSHS	2.0554587	2.2952465
FEWSOME	-.12336938	.56896221E-01

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	1.5161135	1.2603515
ETH1	.97270769	.75963242
ENTAGE	-.31577306	.14046036
NOOCCUP	-5.2292744	3.2172411
OCCUP	.33418167	.31284202
PSSOME	1.7147553	6.2455243
INCOME	.15427632E-03	.22985023E-03
FEW	.55162616	.11267702
FEWHS	.24402219E-01	.13721393
NOINC	2.6734064	3.1966123
PSHS	-.57049764	5.5246944
FEWSOME	-.45350514E-01	.13695022

MAT Reading

VARIABLE	B	STD ERROR B
SEX	-.96946148E-01	.78528086
ETH1	.72724921	.47136143
ENTAGE	-.61480075E-01	.37101939E-01
NOOCCUP	-1.4274512	1.5950879
OCCUP	.26054752	.15399084
PSSOME	-.48425102	3.8729595
INCOME	.12061509E-03	.14253789E-03
FEW	.30013276	.63874244E-01
FEWHS	-.53479482E-01	.45098771E-01
NOINC	1.4067447	1.5835158
PSHS	1.0662775	3.4259633
FEWSOME	.24421236E-01	.84925242E-01

MAT Language

VARIABLE	B	STD ERROR B
SEX	-.21363110E-02	.42280385
ETH1	1.3417163	.55355225
ENTAGE	-.35280076E-01	.10235496
NOOCCUP	-3.3525240	2.3444379
OCCUP	.14495499	.22797132
PSSOME	-2.1223354	4.5511902
INCOME	.17005402E-03	.16749068E-03
FEW	.29959153	.42110404E-01
FEWHS	.22740198E-01	.59949252E-01
NOINC	1.2011514	2.3300629
PSHS	-1.7411373	4.0259074
FEWSOME	.22514467E-01	.45777087E-01

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	-.11425315E-01	.72822164
ETH1	1.3364306	.43552475
ENTAGE	-.51273320E-01	.40772105E-01
NOOCCUP	-1.9945010	1.9509477
OCCUP	.11534933	.17940134
PSSOME	- .2575466	1.5315144
INCOME	.13057230E-03	.13217977E-03
FEW	.26374321	.54765345E-01
FEWHS	.11291147E-01	.72015033E-01
NOINC	.17609715	1.8393751
PSHS	-1.0124136	4.1770 11
FEWSOME	.59971728E-01	.72753798E-01

Table F7-(2)-IIIEF (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	.37515223	.96895345
ETH1	.30936479	.39947021
ENTAGE	-.46000260E-01	.73865794E-01
NOOCCUP	-1.4224339	1.4918943
OCCUP	.13719927	.16451543
PSSOME	.21251397	3.3944186
INCOME	.12437663E-03	.12057761E-03
FE*	.26121444	.59256146E-01
FE*MS	-.33744613E-01	.72159550E-01
NOINC	.23999154	1.6920977
PS-S	-.3 433749	2.9053487
FE*SOME	-.12540031E-01	.72019872E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	.31653557	1.7111275
ETH1	2. 874476	1.0294353
ENTAGE	-.35131724	.19473373
NOOCCUP	-7.4402207	6.3472209
OCCUP	.55675919	.42272037
PSSOME	.51136623	9.4391164
INCOME	.37457105E-03	.31053774E-03
FE*	.41421742	.15225476
FE*MS	-.11130294	.12540707
NOINC	7.7599144	6.3220491
PS*S	2.4335643	7.4651192
FE*SOME	.81411429E-02	.14505074

Coopersmith

VARIABLE	B	STD ERROR B
SEX	.70973351	.46212998
ETH1	.43136675	.51715648
ENTAGE	-.61772203E-01	.95625176E-01
NOOCCUP	.51942706E-01	2.1902924
OCCUP	.1 741213	.21298232
PSSOME	1.4272321	4.2519425
INCOME	.14174752E-03	.15648573E-03
FE*	.12129486	.76711688E-01
FE*MS	.22915376E-01	.93415011E-01
NOINC	-.96057325	2.1776099
PS-S	-1.172156	3.7612061
FE*SOME	-.45406252E-02	.93235481E-01

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	-.99164032E-12	1.4711297
ETH1	2.5426911	1.1224141
ENTAGE	-.16494956	.20754076
NOOCCUP	-6.7361392	4.7537161
OCCUP	.33261163	.36224765
PSSOME	-2.1681969	9.2282926
INCOME	.32295384E-03	.33062989E-03
FE*	.84193691	.16649174
FE*MS	-.32965436E-01	.20274391
NOINC	4.2633746	4.7261906
PS*S	-1.1137833	8.1631595
FE*SOME	.24465206E-01	.20235427

IARS(-)

VARIABLE	B	STD ERROR B
SEX	-.22160735	.30567674
ETH1	.3547736	.23135169
ENTAGE	.14128612E-01	.42778243E-01
NOOCCUP	.26771462	.57963465
OCCUP	.63910765E-01	.35276357E-01
PSSOME	1.5516376	1.9021207
INCOME	.21201119E-04	.20064418E-04
FE	.39533706E-01	.34317231E-01
FE*MS	-.1 4057446E-01	.41769019E-01
NOINC	-.56239858	.97416109
PS*S	.17756601	1.6825982
FE*SOME	-.23578153E-01	.41702205E-01

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.15669735	.39264051
ETH1	.46952541	.23552597
ENTAGE	-.42447058E-01	.43550640E-01
NOOCCUP	-.66392266	.59732652
OCCUP	.17294437E-01	.46648701E-01
PSSOME	.12322716	1.9364654
INCOME	.72355432E-04	.71260417E-04
FE*	.11914866	.34936062E-01
FE*MS	-.86128467E-03	.42544168E-01
NOINC	.77363421	.99175652
PS*S	-.06356627	1.7129689
FE*SOME	-.19423035E-01	.42462306E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	.3 4207356E-01	.32 23995
ETH1	.1223772	.19212883
ENTAGE	-.22635255E-01	.35425714E-01
NOOCCUP	.32036347E-01	.51371563
OCCUP	.11423199	.79125074E-01
PSSOME	-.43649366	1.5796394
INCOME	.24159467E-04	.58136023E-04
FE	.53477112E-02	.28499163E-01
FE*MS	.14256444E-01	.39704615E-01
NOINC	-.55171426	.66900395
PS*S	-.44833751	1.3473259
FE*SOME	.11256475E-01	.34637714E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	-.13431355	.59553903
ETH1	.34214134	.41722534
ENTAGE	.31163893E-12	.77147344E-01
NOOCCUP	-2.1534321	1.7470582
OCCUP	.16707155	.17142736
PSSOME	-2.2456230	3.4313314
INCOME	.37713547E-04	.12524771E-03
FE*	.14444347	.51934549E-01
FE*MS	.21421473E-01	.75304254E-01
NOINC	.42751792	1.7568263
PS*S	-1.1175772	3.1344214
FE*SOME	.42441673E-01	.75217418E-01

Table F7-(3)-IIIEF

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT III-EF PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE TEEM MODEL

CODE

SEX = Sex
ETH1 = White vs. Black
PSSOME = Some Preschool
ENTAGE = Entry Age
LANG = First Language
OCCUP = Occupation
NOOCCUP = Missing Occupation
INCOME = Income
FEW = Fall Entering First WRAT
FEWHS = FEW x Head Start
ETH2 = White vs. Other
NOINC = Missing Income
PSHS = Head Start
FEWSOME = FEW x Some Preschool

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	1.[illegible]55430	.51961986
ETH1	2.6761665	.55670174
PSSOME	-7.0746801	3.3165906
ENTAGE	-.55914595E-01	.55095342E-01
LANG	1.6303472	1.6117197
OCCUP	.24531363	.13039352
NOOCCUP	-1.3584994	1.3520989
INCOME	.10774627E-03	.95393774E-04
FEW	.21590422	.38608542E-01
FEWHS	.68378037E-01	.51003314E-01
ETH2	-2.2105314	.93445430
NOINC	1.4175545	1.3346490
PSHS	-3.1353106	2.6645437
FEWSOME	.14473252	.49710232E-01

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	1.0534446	.777[illegible]4356
ETH1	2.4032114	.85649570
PSSOME	-1.4436463	3.4644704
ENTAGE	-.33456713	.82385302E-01
LANG	-.10645217	2.4103333
OCCUP	.34737411	.19500402
NOOCCUP	-2.7371144	2.7648713
INCOME	.43511656E-04	.14266177E-03
FEW	.42175713	.57739226E-01
FEWHS	-.41501450E-01	.91230697E-01
ETH2	-.63334816	1.4304696
NOINC	2.1579514	2.8935743
PSHS	-.55013387E-03	3.5648357
FEWSOME	.17147247	.74361549E-01

Raven's

VARIABLE	B	STD ERROR B
SEX	-1.4857628	.35878294
ETH1	2.3160343	.33267260
PSSOME	-.92941920	1.5995408
ENTAGE	-.85408331E-01	.38041788E-01
LANG	.66164715	1.1128473
OCCUP	.16108898	.90033066E-01
NOOCCUP	.46689546E-01	1.2788224
INCOME	.52764613E-04	.65966725E-04
FEW	.15739924	.26658115E-01
FEWHS	.11564556E-01	.42121077E-01
ETH2	-1.3137930	.64659473
NOINC	-.35206244	1.3359589
PSHS	-.91918998	1.8397927
FEWSOME	.42210640E-02	.34323521E-01

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	3.9160458	.98443449
ETH1	4.4372654	.96797575
PSSOME	-4.1655972	3.9430221
ENTAGE	-.44491691	.93776670E-01
LANG	1.7558047	3.7692757
OCCUP	.33452179	.22194017
NOOCCUP	-1.4532664	3.1524202
INCOME	-.79578817E-04	.16236182E-03
FEW	.45221737	.65714014E-01
FEWHS	.54412517E-01	.10383251
ETH2	-1.7709351	1.5939183
NOINC	5.2211413	3.2932674
PSHS	-4.7716943	4.5352661
FEWSOME	.16571276	.86610783E-01

MAT Reading

VARIABLE	B	STD ERROR B
SEX	.74881716	.58379545
ETH1	3.0570466	.63893918
PSSOME	-6.3966064	2.6027008
ENTAGE	-.17117849	.61899886E-01
LANG	3.1072881	1.8107750
OCCUP	.35774927	.14649775
NOOCCUP	-2.1513394	2.0808422
INCOME	.81213991E-04	.10717537E-03
FEW	.24759603	.43376885E-01
FEWHS	-.24647760E-01	.68537521E-01
ETH2	-1.0363751	1.0521098
NOINC	1.1741695	2.1738123
PSHS	.23717955	2.9936274
FEWSOME	.12683185	.55849689E-01

MAT Language

VARIABLE	B	STD ERROR B
SEX	1.4456344	.61929993
ETH1	1.1336649	.57779731
PSSOME	-1.7733302	2.7604683
ENTAGE	-.17723359	.65644429E-01
LANG	.14664275	1.9209002
OCCUP	.45133270	.15540725
NOOCCUP	.15754375	2.2673921
INCOME	.84431310E-04	.11369362E-03
FEW	.26626127	.44014921E-01
FEWHS	-.54043753E-01	.72705743E-01
ETH2	.53544734	1.1163956
NOINC	-1.0315667	3.3768152
PSHS	1.[illegible]	3.1756402
FEWSOME	.17164352	.53246279E-01

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	.54356397	.52551375
ETH1	2.3126476	.57515233
PSSOME	-5.6331372	2.3424870
ENTAGE	-.11531494	.55729273E-01
LANG	1.3433357	1.6300010
OCCUP	.34755534	.13147253
NOOCCUP	-1.0213135	1.8731568
INCOME	[illegible]	.94675798E-04
FEW	.20721555	.39646467E-01
FEWHS	[illegible]	.51495257E-01
ETH2	-1.4155523	.94717522
NOINC	[illegible]	1.9567754
PSHS	[illegible]	2.5347669
FEWSOME	[illegible]	.53274481E-01

Table F7-(3)-IIIEF (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	.11346331	.50296021
ETH1	2.2334016	.55047503
PSSOME	-5.4224449	2.2423446
ENTAGE	-.14346171E-01	.73329554E-01
LANG	2.1731973	1.5610066
OCCUP	.24445409	.12621443
NOOCCUP	-1.7244432	1.7927394
INCOME	.11730723E-03	.12336434E-03
FE	.14450490	.37371150E-01
FE*HS	.43706466E-01	.59848177E-01
ETH2	-1.0208722	.70644027
NOINC	1.1063616	1.8728377
PSHS	-2.7220445	2.5791454
FE*SOME	.11700043	.43117035E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	2.7427417	1.2656515
ETH1	4.5411766	1.3852015
PSSOME	-14.864207	5.6425196
ENTAGE	-.55034264	.13419715
LANG	6.2121591	3.9757075
OCCUP	.75123384	.31766286
NOOCCUP	-4.7489444	4.5112053
INCOME	.12480518E-03	.22235309E-03
FE	.64335316	.44039023E-01
FE*HS	-.71149212E-01	.14258735
ETH2	-2.4467233	2.2804435
NOINC	4.3321213	4.7127617
PSHS	.23458042	6.4900980
FE*SOME	.24430432	.12108 50

Coopersmith

VARIABLE	B	STD ERROR B
SEX	.06540410	.64532270
ETH1	1.1442456	.70627612
PSSOME	-.44315492	2.8770041
ENTAGE	-.15602475	.68423025E-01
LANG	-1.3560860	2.0016158
OCCUP	-.35036835E-01	.16193741
NOOCCUP	1.2509120	2.3601459
INCOME	.21195345E-04	.11847077E-03
FE	.17087313	.47948452E-01
FE*HS	.44526307E-01	.75760013E-01
ETH2	-.74362055	1.1629436
NOINC	-2.4050159	2.4629142
PSHS	-1.0659401	3.3041316
FE*SOME	.35070145E-02	.61735787E-01

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	1.0471472	1.3499554
ETH1	7.4326157	1.4774594
PSSOME	-17.512786	5.9144281
ENTAGE	-.25635575	.14313593
LANG	5.4430302	4.1971963
OCCUP	.43732711	.33475818
NOOCCUP	-4.9466116	4.3115437
INCOME	.37434487E-03	.24742497E-03
FE	.73121455	.11030375
FE*HS	.12349734	.15949469
ETH2	-5.3079562	2.4328757
NOINC	3.7534124	5.1206756
PSHS	-7.2747312	4.9223492
FE*SOME	.16730757	.12914557

IARS(-)

VARIABLE	B	STD ERROR B
SEX	-.32179212E-01	.24639741
ETH1	.45460458	.26467144
PSSOME	.12524631	1.0964990
ENTAGE	-.21311064E-01	.26125540E-01
LANG	.24456645	.76425787
OCCUP	.53625064E-01	.61631018E-01
NOOCCUP	.46447803	.67624276
INCOME	.40356606E-04	.45234566E-04
FE	.52547014E-01	.18307700E-01
FE*HS	.33946056E-01	.26927029E-01
ETH2	-.54471751	.44445475
NOINC	-.24462377	.41746181
PSHS	-1.6180364	1.2634462
FE*SOME	-.11164471E-02	.23571987E-01

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.66661234	.26344913
ETH1	.80414557	.28681537
PSSOME	-1.1767847	1.1764613
ENTAGE	-.63140647E-01	.27900168E-01
LANG	.71716438	.81861242
OCCUP	.11490146	.66220342E-01
NOOCCUP	-.41790189	.44059409
INCOME	.46510146E-05	.48445761E-04
FE	.92724285E-01	.19607361E-01
FE*HS	.45466238E-02	.30460554E-01
ETH2	.56159626E-03	.47657613
NOINC	.14540146	.96261171
PSHS	-1.2119530	1.3531494
FE*SOME	.56649204E-01	.25245359E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	-.10746066E-01	.20724236
ETH1	.47115858	.22681791
PSSOME	-1.1046929	.92293640
ENTAGE	-.44438409E-02	.21973427E-01
LANG	.44501604	.64260955
OCCUP	.54126643E-01	.52165442E-01
NOOCCUP	.54356607	.73668108
INCOME	.24654608E-05	.39143335E-04
FE	.34927466E-01	.15394421E-01
FE*HS	.77271159E-02	.24330230E-01
ETH2	-.54248605	.37364445
NOINC	-.64669465	.77164665
PSHS	-1.4356661	1.0627121
FE*SOME	.27127431E-02	.13426159E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	.73702651	.47135515
ETH1	.82451024	.51587016
PSSOME	-2.4405455	2.1014149
ENTAGE	-.11409246	.46477031E-01
LANG	-.54651561	1.4426157
OCCUP	.30162635	.11224196
NOOCCUP	.57555167	1.6800874
INCOME	.74741254E-04	.86533158E-04
FE	.17357664	.35622401E-01
FE*HS	-.72584150E-01	.55337643E-01
ETH2	.55484441	.94947117
NOINC	-1.2164462	1.7551312
PSHS	2.2464040	2.4170485
FE*SOME	.11370431	.45402415E-01

Table F7-(7)-IIIEF

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT III-EF PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE DIRECT INSTRUCTION MODEL

CODE

SEX = Sex
INCOME = Income
PSSOME = Some Preschool
ENTAGE = Entry Age
NOINC = Missing Income
OCCUP = Occupation
FEW = Fall Entering First WRAT
ETH2 = White vs. Other
FEWHS = FEW x Head Start
NOOCCUP = Missing Occupation
PSHS = Head Start
FEWSOME = FEW x Some Preschool

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	2.2444469	.53607168
INCOME	.13302056E-03	.13423340E-03
PSSOME	2.1534656	3.9443214
ENTAGE	-.44739763E-01	.42945235E-01
NOINC	-.54129798	2.1922763
OCCUP	.25206756	.14946987
FEW	.26345551	.79539185E-01
ETH2	-1.7943978	2.7997980
FEWHS	.15636245E-01	.10071150
NOOCCUP	.74739741	2.2880692
PSHS	-2.2746122	4.4264082
FEWSOME	-.54388922E-01	.88374482E-01

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	.51460343	1.0389798
INCOME	.77351726E-04	.19229654E-03
PSSOME	-1.3463341	4.9317598
ENTAGE	-.23327329	.10551022
NOINC	-1.4093383	2.7440170
OCCUP	.12346555	.25029625
FEW	.29634479	.93545930E-01
ETH2	-.17436732	3.5344242
FEWHS	.15792091	.12605804
NOOCCUP	1.3264762	2.8614403
PSHS	-4.1128727	5.5385461
FEWSOME	.51400114E-01	.11062300

Raven's

VARIABLE	B	STD ERROR B
SEX	-.68919568	.44219262
INCOME	.68555757E-04	.39940571E-04
PSSOME	2.4949654	2.2916234
ENTAGE	.24106584E-02	.46967505E-01
NOINC	.70034466E-03	1.2735638
OCCUP	.17855449	.11410699
FEW	.13500034	.64193468E-01
ETH2	1.0993862	1.6264103
FEWHS	-.32649868E-02	.58603790E-01
NOOCCUP	-.34563600	1.3280002
PSHS	-1.4584732	2.5704504
FEWSOME	-.86485813E-01	.51240355E-01

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	3.3314341	1.2416791
INCOME	.77540957E-04	.22990060E-03
PSSOME	-7.4712244	4.9010587
ENTAGE	-.17261452	.12604469
NOINC	-2.5220132	3.2743598
OCCUP	.14921540	.29412169
FEW	.31465355	.11894680
ETH2	-4.1402466	4.1381143
FEWHS	.32544055	.15065124
NOOCCUP	3.4464400	3.4144917
PSHS	-12.031104	6.6190863
FEWSOME	.60554344E-01	.13220494

MAT Reading

VARIABLE	B	STD ERROR B
SEX	.41933383	.74644651
INCOME	.30115150E-04	.13423423E-03
PSSOME	-.27244784	3.5494695
ENTAGE	-.15139121	.75853728E-01
NOINC	.13320298	1.9727370
OCCUP	.94942863E-01	.17044374
FEW	.19730613	.71445642E-01
ETH2	-1.0061156	2.5194111
FEWHS	.17023564	.98626030E-01
NOOCCUP	.11793837	2.0571553
PSHS	-6.1434490	3.9217886
FEWSOME	.43026917E-01	.79529421E-01

MAT Language

VARIABLE	B	STD ERROR B
SEX	2.2219655	1.0296617
INCOME	.21627046E-03	.14052400E-03
PSSOME	-1.3214315	4.5025238
ENTAGE	-.11474776	.10454364
NOINC	-.13482265	2.7150784
OCCUP	.12346962	.24480327
FEW	.22674241	.96633445E-01
ETH2	.43044657	3.4723200
FEWHS	.21451282	.13446322
NOOCCUP	-1.0722946	2.8352265
PSHS	-4.7317446	5.4517672
FEWSOME	-.11454461E-01	.10946958

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	.70197535	.74629292
INCOME	.12452287E-03	.13607061E-03
PSSOME	1.2473988	3.5172740
ENTAGE	-.44161711E-01	.75157734E-01
NOINC	-1.1565723	1.9946362
OCCUP	.10789621	.17629260
FEW	.27134765	.79614210E-01
ETH2	.71221914	2.4052744
FEWHS	.15439658	.85796692E-01
NOOCCUP	.84193314	2.6392704
PSHS	-2.5041065	3.9452535
FEWSOME	-.13412470E-01	.74793494E-01

Table F7-(7)-IIIEF (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	1.2411458	.53299034
INCOME	[illegible]	.12425338E-03
PSSOME	[illegible]	3.2930402
ENTAGE	[illegible]	.73374354E-01
NOINC	-1.3774612	1.3302344
OCCUP	[illegible]	.15436532
FE	.1043791	[illegible]
ETH2	[illegible]	2.3374130
FE*HS	[illegible]	[illegible]
NOOCCUP	[illegible]	[illegible]
PS*S	[illegible]	3.4941544
FE*SOME	[illegible]	.73786533E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	[illegible]	[illegible]
INCOME	[illegible]	[illegible]
PSSOME	[illegible]	[illegible]
ENTAGE	[illegible]	[illegible]
NOINC	-1.6756351	[illegible]
OCCUP	[illegible]	[illegible]
FE	[illegible]	[illegible]
ETH2	-1.2551027	5.5493283
FE*HS	.32406534	[illegible]
NOOCCUP	[illegible]	4.5714761
PS*S	[illegible]	[illegible]
FE*SOME	[illegible]	.17675214

Coopersmith

VARIABLE	B	STD ERROR B
SEX	[illegible]	[illegible]
INCOME	[illegible]	[illegible]
PSSOME	[illegible]	[illegible]
ENTAGE	[illegible]	.87814148E-01
NOINC	[illegible]	2.2637731
OCCUP	[illegible]	[illegible]
FE	[illegible]	.62850160E-01
ETH2	[illegible]	[illegible]
FE*HS	[illegible]	.11641571
NOOCCUP	[illegible]	2.3815222
PS*S	[illegible]	[illegible]
FE*SOME	[illegible]	[illegible]

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	[illegible]	[illegible]
INCOME	[illegible]	.37132073E-03
PSSOME	[illegible]	[illegible]
ENTAGE	[illegible]	[illegible]
NOINC	[illegible]	[illegible]
OCCUP	.41597521	[illegible]
FE	[illegible]	[illegible]
ETH2	[illegible]	[illegible]
FE*HS	[illegible]	[illegible]
NOOCCUP	[illegible]	3.5254795
PS*S	-7.1344315	[illegible]
FE*SOME	[illegible]	.21362183

IARS(-)

VARIABLE	B	STD ERROR B
SEX	[illegible]	[illegible]
INCOME	[illegible]	[illegible]
PSSOME	[illegible]	1.4432630
ENTAGE	[illegible]	.31908101E-01
NOINC	[illegible]	[illegible]
OCCUP	.11752713E-01	[illegible]
FE	[illegible]	[illegible]
ETH2	[illegible]	[illegible]
FE*HS	[illegible]	[illegible]
NOOCCUP	[illegible]	[illegible]
PS*S	[illegible]	1.4749514
FE*SOME	[illegible]	[illegible]

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.81589117	[illegible]
INCOME	[illegible]	[illegible]
PSSOME	[illegible]	1.7309528
ENTAGE	[illegible]	[illegible]
NOINC	[illegible]	[illegible]
OCCUP	[illegible]	[illegible]
FE	[illegible]	[illegible]
ETH2	[illegible]	[illegible]
FE*HS	[illegible]	[illegible]
NOOCCUP	[illegible]	[illegible]
PS*S	[illegible]	1.5415613
FE*SOME	[illegible]	[illegible]

IARS(+)

VARIABLE	B	STD ERROR B
SEX	[illegible]	[illegible]
INCOME	[illegible]	[illegible]
PSSOME	[illegible]	[illegible]
ENTAGE	[illegible]	[illegible]
NOINC	[illegible]	[illegible]
OCCUP	[illegible]	[illegible]
FE	[illegible]	[illegible]
ETH2	[illegible]	[illegible]
FE*HS	[illegible]	[illegible]
NOOCCUP	[illegible]	[illegible]
PS*S	[illegible]	[illegible]
FE*SOME	[illegible]	[illegible]

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	1.4060943	.31691504
INCOME	.14506091E-03	.15118067E-03
PSSOME	-.31812955	3.8923944
ENTAGE	-.13611468	.92059155E-01
NOINC	.49042011	2.1575287
OCCUP	.15642090	.19679456
FE	.25445297	.78269632E-01
ETH2	-.41540531	2.7554114
FE*HS	.12637658	.99115218E-01
NOOCCUP	-1.5946770	2.2498547
PS*S	-5.0329184	4.7547734
FE*SOME	-.30957921E-01	.94079159E-01

Tabel F7-(6)-IIIEF

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT III-EF PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE MATHEMAGENIC ACTIVITIES MODEL

CODE

SEX = Sex
FEWHS = FEW x Head Start
ENTAGE = Entry Age
NOINC = Missing Income
INCOME = Income
OCCUP = Occupation
FEW = Fall Entering First WRAT
ETH2 = White vs. Other
PSSOME = Some Preschool
NOOCCUP = Missing Occupation
ETH1 = White vs. Black
PSHS = Head Start
FEWSOME = FEW x Some Preschool

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	.42431112E-02	.70252472
FEWHS	.13479306E-01	.37044512E-01
ENTAGE	-.15631427	.31532585E-01
NOINC	.54571065	1.7013110
INCOME	-.25823391E-04	.13083427E-03
OCCUP	.77693836E-01	.15574972
FEW	.32040476	.62784448E-01
ETH2	4.3336011	3.7819075
PSSOME	-6.5815714	3.6945129
NOOCCUP	-.42772194	1.7256491
ETH1	-2.2055404	1.5427577
PSHS	-.73519427	4.0421714
FEWSOME	.83177445E-01	.77234199E-01

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	1.7723452	.47252068
FEWHS	.85266585E-01	.12146367
ENTAGE	-.24752154	.11285373
NOINC	-1.4437576	2.3544649
INCOME	.62213294E-04	.15110043E-03
OCCUP	.37226531	.21606450
FEW	.47569351	.86903400E-01
ETH2	2.3771854	5.1240134
PSSOME	-14.569197	5.1137781
NOOCCUP	.53767873	2.3886346
ETH1	.72154618	2.6904617
PSHS	-[illegible].2369864	5.6226744
FEWSOME	.24342694	.10690469

Raven's

VARIABLE	B	STD ERROR B
SEX	-1.1610691	.48323794
FEWHS	-.34078297E-01	.59607620E-01
ENTAGE	-.13069403	.56076368E-01
NOINC	.71939151	1.1701198
INCOME	.77355357E-04	.59947761E-04
OCCUP	.54469691E-01	.10786841
FEW	.21852630	.43181400E-01
ETH2	.29511834E-01	2.5460725
PSSOME	1.4785669	2.5410070
NOOCCUP	-.56174711	1.1868989
ETH1	1.1479111	1.3308749
PSHS	-1.5032394	2.7312746
FEWSOME	-.34019503E-01	.53120130E-01

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	3.5684845	1.1855119
FEWHS	.21518496	.13444149
ENTAGE	-.32361722	.12594550
NOINC	-2.5612034	2.5298021
INCOME	-.13244493E-04	.21214137E-03
OCCUP	.33148425	.24217227
FEW	.30113824	.37730169E-01
ETH2	3.1424322	5.7193404
PSSOME	-16.577737	5.7079164
NOOCCUP	1.2104334	2.5661555
ETH1	-2.1008479	3.1133948
PSHS	-12.532194	6.2759382
FEWSOME	.21178727	.11432462

MAT Reading

VARIABLE	B	STD ERROR B
SEX	1.3583430	.75914009
FEWHS	-.66067113E-01	.94148345E-01
ENTAGE	-.22728506	.88097509E-01
NOINC	-.71871058	1.8351044
INCOME	.22808896E-04	.14136521E-03
OCCUP	.27391413	.16936030
FEW	.31484443	.37835740E-01
ETH2	.92210627	3.9907645
PSSOME	-11.538167	3.9917649
NOOCCUP	-.27356494	1.8645449
ETH1	.53394049	2.1001479
PSHS	1.2240593	4.3490144
FEWSOME	.21436256	.83448285E-01

MAT Language

VARIABLE	B	STD ERROR B
SEX	1.4623233	.55001457
FEWHS	.11854854	.10530060
ENTAGE	-.13450491	.98637611E-01
NOINC	-1.5284467	2.0582282
INCOME	.74825618E-04	.15828764E-03
OCCUP	.18207930	.18963400
FEW	.31724134	.75456386E-01
ETH2	4.1483665	4.4745537
PSSOME	-15.467774	4.4696177
NOOCCUP	.48373774	2.3877442
ETH1	-1.6659727	2.3515590
PSHS	-5.0786494	4.7143595
FEWSOME	.34115481	.73447640E-01

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	.23714557	.74325424
FEWHS	.56725132E-02	.42188899E-01
ENTAGE	-.21133456	.39249756E-01
NOINC	-.54431141	1.7247315
INCOME	.31494331E-04	.13140792E-03
OCCUP	.12547388	.15581742
FEW	.39455173	.56415844E-01
ETH2	4.3180173	4.3160815
PSSOME	-[illegible].3172234	3.9162591
NOOCCUP	.17244492	1.4255395
ETH1	-1.2417134	2.2662138
PSHS	-.95909334	4.2371045
FEWSOME	.12509196	.11702587E-01

Table F7-(6)-IIIEF (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	[illegible]	.74482597
FE*HS	.37123644E-01	.77522774E-01
ENTAGE	-.15142497	.36603549E-01
NOINC	.32571343	1.4993670
INCOME	.72560592E-05	.13907211E-03
OCCUP	.13174691	.16601314
FE*	.31133937	.66735594E-01
ETH2	1.7096725	3.9348739
PSSOME	-4.3409944	3.4270140
NOOCCUP	-.24494982	1.8342498
ETH1	-.77306590	2.0660812
PSHS	-1.4574569	4.1174097
FE*SOME	.13512247	.32094059E-01

Coopersmith

VARIABLE	B	STD ERROR B
SEX	1.3379670	.79693239
FE*HS	-.29796882E-02	.98730359E-01
ENTAGE	-.73438156E-01	.92478022E-01
NOINC	1.4731234	1.9296948
INCOME	.11132563E-03	.14840280E-03
OCCUP	.68544985E-01	.17779163
FE*	.12965981	.71213019E-01
ETH2	-3.4168783	4.1988744
PSSOME	.46033982	4.1904871
NOOCCUP	-.94586067	1.9573676
ETH1	2.0217575	2.2046997
PSHS	.24254341	4.6075023
FE*SOME	-.32011148E-02	.87602594E-01

IARS(-)

VARIABLE	B	STD ERROR B
SEX	.22802769	.31501785
FE*HS	.23141722E-01	.39026930E-01
ENTAGE	.84459013E-02	.36555457E-01
NOINC	-.73717791	.74278530
INCOME	.32433252E-05	.58461954E-04
OCCUP	-.66791213E-01	.70278907E-01
FE*	.41456357E-01	.23149655E-01
ETH2	-.25923877	1.6597049
PSSOME	-1.2431674	1.5564495
NOOCCUP	.51831544	.77372400
ETH1	.15244063	.37149144
PSHS	-1.3751445	1.4212906
FE*SOME	.19427169E-01	.34628258E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	.55985727	.24443663
FE*HS	.13656053E-01	.33530940E-01
ENTAGE	-.78414476E-01	.28597121E-01
NOINC	[illegible]	.55672249
INCOME	[illegible]	.45993027E-04
OCCUP	-.42764379E-02	.54978789E-01
FE*	.37453177E-01	.27021311E-01
ETH2	[illegible]	1.2344244
PSSOME	[illegible]	1.2554308
NOOCCUP	[illegible]	[illegible]
ETH1	-.17675482	.68176257
PSHS	[illegible]	1.4247550
FE*SOME	[illegible]	.27169465E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	3.3306881	1.4173534
FE*HS	.22842466E-04	.20037672
ENTAGE	-.45480627	.18759177
NOINC	-2.1321482	3.9142860
INCOME	.13480719E-03	.30117467E-03
OCCUP	.55120144	.36092355
FE*	.79353794	.14452449
ETH2	3.2992417	8.5215077
PSSOME	-25.246384	8.5044059
NOOCCUP	.27104380	3.9724272
ETH1	1.4154471	4.4743513
PSHS	-4.3129071	9.3508075
FE*SOME	.44628754	.17778721

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	.72761843	1.9445624
FE*HS	.51575416E-01	.24338577
ENTAGE	-.52484151	.22797278
NOINC	.24442236	4.7569496
INCOME	.15114116E-04	.35533611E-03
OCCUP	.33141375	.33928417
FE*	1.0502452	.17555123
ETH2	12.839981	10.350882
PSSOME	-23.099856	10.330706
NOOCCUP	-.50030373	4.8252171
ETH1	-4.2703052	5.4349245
PSHS	-2.8937485	11.358214
FE*SOME	.34498216	.21595404

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.01662786	.34083503
FE*HS	-.63784926E-04	.42225370E-01
ENTAGE	-.61739406E-01	.39651348E-01
NOINC	-.43687137	.32529912
INCOME	.18123206E-04	.53460467E-04
OCCUP	.12271067	.76034592E-01
FE*	.14704495	.30456551E-01
ETH2	.57095118	1.7057904
PSSOME	-1.7336467	1.7922033
NOOCCUP	-.23105346E-01	.43713430
ETH1	-.94431196E-01	.34291423
PSHS	-.54819904	1.9705539
FE*SOME	.27087449E-01	.37466208E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	.86560541	.65818950
FE*HS	.10361733	.31541779E-01
ENTAGE	-.13276644	.76377952E-01
NOINC	-1.4915764	1.5937423
INCOME	.59502413E-04	.12256644E-03
OCCUP	.24936063	.14443479
FE*	.16319244	.53515104E-01
ETH2	[illegible]	2.4673654
PSSOME	-13.704127	1.4419393
NOOCCUP	.72344413	1.6155473
ETH1	-1.5706995	1.4306899
PSHS	-5.3407946	3.4053538
FE*SOME	.27214736	.72351117E-01

Table F7-(5)-IIEF

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT II-EF PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE BANK STREET MODEL

CODE

SEX = Sex
NOINC = Missing Income
FEWSOME = FEW x Some Preschool
INCOME = Income
ENTAGE = Entry Age
FEW = Fall Entering First WRAT
OCCUP = Occupation
PSHS = Head Start
PSSOME = Some Preschool
NOOCCUP = Missing Occupation
FEWHS = FEW x Head Start

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	3.1555150	2.6825181
NOINC	-7.2285929	6.0885762
FEWSOME	-.24232400	.32850709
INCOME	.44597056E-03	.63207099E-03
ENTAGE	.35904038E-01	.37365103
FEW	.18431065	.22100613
OCCUP	.25424149	.72504914
PSHS	1.5645095	9.3644202
PSSOME	7.2799076	12.093767
NOOCCUP	3.9987435	6.8539269
FEWHS	-.49447055E-01	.20111210

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	9.6514933	4.1030920
NOINC	5.6541439	13.230628
FEWSOME	.94436554E-01	.50247371
INCOME	.54292127E-03	.96679514E-03
ENTAGE	-.10183400	.57152441
FEW	-.18010438	.33804375
OCCUP	.21703587	1.1099292
PSHS	-5.9915504	14.323511
PSSOME	-3.8174741	18.499230
NOOCCUP	-9.3926774	17.483542
FEWHS	.23236102	.39938854

Raven's

VARIABLE	B	STD ERROR B
SEX	-.39664624	1.7063580
NOINC	-2.7168821	4.2546238
FEWSOME	.61725102	.20896437
INCOME	.33701698E-04	.40206230E-03
ENTAGE	.37570039E-02	.23768057
FEW	.12092044E-01	.14058268
OCCUP	.37889053E-01	.40158764
PSHS	-2.6682551	5.9567364
PSSOME	-8.0278616	7.0928921
NOOCCUP	1.3605095	4.3598038
FEWHS	.52719492E-01	.10609421

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	7.7120709	4.6828515
NOINC	2.1986014	11.676197
FEWSOME	.11549609	.57347233
INCOME	.71200032E-03	.11034015E-02
ENTAGE	-.14803458	.65227978
FEW	.17059948E-01	.30580872
OCCUP	-.13104040	1.2667602
PSHS	-3.1257739	16.347397
PSSOME	-5.2954535	21.111997
NOOCCUP	-4.4266449	11.964848
FEWHS	.12054038	.45582142

MAT Reading

VARIABLE	B	STD ERROR B
SEX	-.45540842	1.6720929
NOINC	-.62878435	4.1691875
FEWSOME	-.13353448	.24476819
INCOME	-.70979039E-04	.39398855E-03
ENTAGE	.39466548E-01	.23290775
FEW	.18870602	.13775966
OCCUP	.56235618E-01	.45231856
PSHS	-.42164572E-01	5.8371202
PSSOME	5.7722105	7.5384027
NOOCCUP	.78859396	4.2722554
FEWHS	.75841798E-01	.16275890

MAT Language

VARIABLE	B	STD ERROR B
SEX	-.86015915	1.0523163
NOINC	1.5143032	4.1199765
FEWSOME	.17134030	.20234630
INCOME	.15945399E-03	.36932867E-03
ENTAGE	.25216390	.23015304
FEW	.73134323E-01	.13613031
OCCUP	.43871732	.44696880
PSHS	-1.7213532	5.7680816
PSSOME	-2.1761067	7.4492425
NOOCCUP	-2.4159539	4.2217254
FEWHS	.11256180	.10083387

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	-.57297359	2.1872142
NOINC	-4.0255721	5.4535883
FEWSOME	-.18529434	.26705108
INCOME	.49951213E-04	.51530453E-03
ENTAGE	-.18651381	.30465959
FEW	.18232895	.15019925
OCCUP	.18568056	.59106428
PSHS	-1.0754428	7.0353607
PSSOME	2.7064385	9.3607570
NOOCCUP	2.8018623	5.3884083
FEWHS	-.59793183E-02	.2129[illegible]

Table F7-(5)-IIEF (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	.77840826	1.9193274
NOINC	-3.0552217	4.7856407
FEWSOME	-.22587591	.23504507
INCOME	.40827386E-04	.45224343E-03
ENTAGE	.51769946E-01	.20734533
FEW	.15659518	.13812871
OCCUP	.31342328	.51919810
PSHS	1.5104131	6.7001928
PSSOME	7.0013033	8.6530258
NOOCCUP	3.2447290	4.9039481
FEWHS	-.74974184E-01	.18682432

Coopersmith

VARIABLE	B	STD ERROR B
SEX	1.7196094	2.1253038
NOINC	-5.9320328	5.2992211
FEWSOME	.15545593	.20026940
INCOME	-.36621032E-04	.50077683E-03
ENTAGE	.17535523	.29603602
FEW	.55127694E-01	.17509860
OCCUP	.29209528	.57491687
PSHS	-4.5440116	7.4192372
PSSOME	-11.798037	9.5816423
NOOCCUP	6.2784556	5.4302250
FEWHS	-.54754335E-02	.20687374

IARS(-)

VARIABLE	B	STD ERROR B
SEX	-.30475011	.95190483
NOINC	-2.3126512	2.3734744
FEWSOME	-.72054302E-01	.11657237
INCOME	.33930474E-04	.22429352E-03
ENTAGE	-.18336490E-01	.13259192
FEW	.21457984E-01	.78425119E-01
OCCUP	.32796423E-02	.25750919
PSHS	-1.3045921	3.3230109
PSSOME	2.0850758	4.2915330
NOOCCUP	2.4308640	2.4321498
FEWHS	.49743078E-01	.92656921E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	.72121958	.77966964
NOINC	3.2517434	1.9440241
FEWSOME	-.13319567E-01	.93463065E-01
INCOME	-.10646255E-04	.18371043E-03
ENTAGE	-.30124985E-01	.10860108
FEW	.13938916E-01	.64235081E-01
OCCUP	.16514250	.21090877
PSHS	-1.3757709	2.7217539
PSSOME	1.1331248	3.3150942
NOOCCUP	-2.6746296	1.9920830
FEWHS	.43520523E-01	.75891819E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	9.1960048	5.1363838
NOINC	5.0253016	12.812919
FEWSOME	-.39097925E-01	.62925782
INCOME	.47194144E-03	.12107368E-02
ENTAGE	-.62367453E-01	.71573139
FEW	.86530427E-02	.42333802
OCCUP	.27324169	1.3899864
PSHS	-6.0237150	17.937618
PSSOME	1.9548064	23.165702
NOOCCUP	-8.6[illegible]0035	13.128749
FEWHS	.30820281	.50016221

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	3.3618797	6.1661454
NOINC	-14.309387	15.374634
FEWSOME	-.65350334	.75511978
INCOME	.53674916E-03	.14529041E-02
ENTAGE	-.98839828E-01	.95888949
FEW	.52323477	.50831369
OCCUP	.75395132	1.0680067
PSHS	1.9994593	21.525438
PSSOME	10.988239	27.799275
NOOCCUP	10.943275	15.754715
FEWHS	-.13540055	.60020291

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	-.27308635	.81950927
NOINC	1.3111664	2.0433600
FEWSOME	.33134690E-01	.10035891
INCOME	.11616015E-03	.19309769E-03
ENTAGE	.79683979E-01	.11415039
FEW	.50426831E-01	.67517372E-01
OCCUP	.13783620	.22108581
PSHS	-.28871523	2.8608304
PSSOME	-.35945737	3.6946457
NOOCCUP	-1.4317620	2.0938746
FEWHS	.28227549E-01	.79769746E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	-.58707080	1.3146539
NOINC	.20371886	3.2779511
FEWSOME	.13821341	.16099542
INCOME	.43293041E-04	.30976664E-03
ENTAGE	.17247992	.18311966
FEW	.24707492E-01	.10831113
OCCUP	.30080111	.35562761
PSHS	-1.4320383	4.5893342
PSSOME	-1.8176494	5.9269379
NOOCCUP	-.98419188	3.3559864
FEWHS	.54434252E-01	.12796635

Table F7-(7)-IIEF

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT II-EF PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE DIRECT INSTRUCTION MODEL

CODE

SEX = Sex
INCOME = Income
NOINC = Missing Income
ENTAGE = Entry Age
OCCUP = Occupation
FEW = Fall Entering First WRAT
PSHS = Head Start
ETH1 = White vs. Black
PSSOME = Some Preschool
NOOCCUP = Missing Occupation
FEWHS = FEW x Head Start
FEWSOME = FEW x Some Preschool

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	.83796127	.92601106
INCOME	-.11896776E-03	.17559221E-03
NOINC	-1.2494008	2.2260387
ENTAGE	-.22879066	.10606859
OCCUP	.67883671E-01	.23288669
FEW	.27971050	.10014744
PSHS	-1.6202316	3.7048567
ETH1	.67666519	2.3108811
PSSOME	-1.8631667	5.2463533
NOOCCUP	1.0191728	2.4431987
FEWHS	.19935027E-01	.10518617
FEWSOME	.25356020E-01	.13350779

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	.49579565	1.2265077
INCOME	.34925974E-04	.23257303E-03
NOINC	-.74063997	2.9484027
ENTAGE	-.16460012	.14048854
OCCUP	.51278044	.30845994
FEW	.55150388	.13264594
PSHS	5.9866239	4.9071069
ETH1	-.30995422	3.6607770
PSSOME	4.3800821	6.9468291
NOOCCUP	-1.6549022	3.2360326
FEWHS	-.23200927	.13931977
FEWSOME	-.16260277	.17683194

Raven's

VARIABLE	B	STD ERROR B
SEX	-1.7675167	.70062599
INCOME	.39953031E-04	.13285421E-03
NOINC	2.2472327	1.9842353
ENTAGE	-.43619991E-01	.83252189E-01
OCCUP	.11517960	.17620359
FEW	.36714430E-01	.75772207E-01
PSHS	.32843848E-02	2.6031187
ETH1	2.0420325	1.7484277
PSSOME	-.19339053	3.9694251
NOOCCUP	-1.6691099	3.0485400
FEWHS	.13005454E-01	.79584540E-01
FEWSOME	.27734429E-01	.10101296

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	4.0564383	1.6517986
INCOME	-.59163126E-04	.31321761E-03
NOINC	.64571226	3.9707598
ENTAGE	-.32150405	.18920287
OCCUP	.46065305	.41541827
FEW	.61748854	.17864085
PSHS	1.9646096	6.6086436
ETH1	-4.5334476	4.1220999
PSSOME	8.8139188	9.3563320
NOOCCUP	-3.0279000	4.3581252
FEWHS	-.10171003	.10762882
FEWSOME	-.28314177	.23814832

MAT Reading

VARIABLE	B	STD ERROR B
SEX	.51540407	1.6550014
INCOME	-.10056702E-03	.20005164E-03
NOINC	1.2562443	2.5361187
ENTAGE	-.92926932E-01	.12084361
OCCUP	.23065026	.26532756
FEW	.43078412	.11409766
PSHS	6.5017998	4.2209313
ETH1	-1.0988082	2.6327793
PSSOME	1.9584954	5.9771534
NOOCCUP	-2.1218418	2.7835283
FEWHS	-.24325124	.11983826
FEWSOME	-.98485003E-01	.15210499

MAT Language

VARIABLE	B	STD ERROR B
SEX	2.2773053	1.2762418
INCOME	-.13655770E-03	.24200371E-03
NOINC	1.0085753	3.0679585
ENTAGE	-.18170136	.14618526
OCCUP	.49410719	.32096779
FEW	.37917023	.13802465
PSHS	-.39756059	5.1060868
ETH1	2.5130017	3.1848895
PSSOME	-6.5248945	7.2305996
NOOCCUP	-3.1818922	3.3672516
FEWHS	.32010033E-01	.14496909
FEWSOME	.16839543	.18400236

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	.14840047	.98358071
INCOME	-.78312737E-04	.10650869E-03
NOINC	.12426293E-01	2.3644304
ENTAGE	-.86622078E-01	.11206283
OCCUP	.12303284	.24736515
FEW	.31955460	.10637356
PSHS	.85613508	3.9351859
ETH1	1.2150032	2.4545474
PSSOME	-3.1621698	5.5725165
NOOCCUP	-.46976252	2.5950911
FEWHS	-.44045540E-01	.11172554
FEWSOME	.60487131E-01	.14180790

Table F7-(7)-IIEF (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	.85041961	.94077012
INCOME	-.14803715E-04	.17839086E-03
NOINC	-.80317304	2.2615180
ENTAGE	-.43486017E-01	.10775915
OCCUP	.18843497	.23659852
FEW	.31531623	.10174363
PSHS	.92341293	3.7639059
ETHI	-2.0436398	2.3477126
PSSOME	-.10431315	5.3299714
NOOCCUP	1.3877255	2.4821392
FEWHS	-.68160344E-01	.10686266
FEWSOME	-.34564129E-01	.13563568

Coopersmith

VARIABLE	B	STD ERROR B
SEX	-.21485196	1.0724340
INCOME	-.23114385E-03	.26335724E-03
NOINC	1.9314618	2.5780248
ENTAGE	-.86407373E-01	.12204039
OCCUP	.11963151	.26971125
FEW	.14144195	.11598298
PSHS	-3.5774161	4.2906768
ETHI	1.2385025	2.0762927
PSSOME	-7.8993258	6.0759183
NOOCCUP	-2.1639077	2.8295226
FEWHS	.32678439E-01	.12181844
FEWSOME	.13804974	.15461834

IARS(-)

VARIABLE	B	STD ERROR B
SEX	.53133090	.47682494
INCOME	.33827132E-04	.90416572E-04
NOINC	.54557552	1.1462398
ENTAGE	-.76302227E-02	.54617222E-01
OCCUP	.73524155E-01	.11991985
FEW	.55858460E-01	.51568281E-01
PSHS	.34711052	1.9077181
ETHI	-.32249307	1.1899272
PSSOME	-.95319339	2.7014711
NOOCCUP	-1.3747564	1.2580636
FEWHS	-.26133148E-01	.54162840E-01
FEWSOME	.57141406E-02	.68746310E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	.39185717	.34467224
INCOME	.11579043E-04	.65357493E-04
NOINC	-.18335155	.82855786
ENTAGE	-.33839355E-01	.39479983E-01
OCCUP	.98882068E-01	.80683176E-01
FEW	.47125071E-01	.37276060E-01
PSHS	.28386308	1.3789914
ETHI	-.22293714	.86013720
PSSOME	-.82989701	1.9527546
NOOCCUP	-.82265178E-01	.99938738
FEWHS	-.19953525E-01	.39151533E-01
FEWSOME	-.44760435E-02	.49693175E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	1.0111496	2.1037286
INCOME	-.15641041E-04	.39891356E-03
NOINC	.51558430	5.3571549
ENTAGE	-.25753305	.24096855
OCCUP	.74343670	.52907620
FEW	.98235001	.22751677
PSHS	12.486059	8.4167604
ETHI	-1.4988424	5.2499014
PSSOME	6.3385774	11.918760
NOOCCUP	-3.7767440	5.5505029
FEWHS	-.47532051	.23896384
FEWSOME	-.25108777	.30330541

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	1.8367874	2.4936072
INCOME	-.21207441E-03	.47284316E-03
NOINC	-2.1302076	5.9943842
ENTAGE	-.35890535	.28562662
OCCUP	.37935148	.62712851
FEW	.90558737	.26968186
PSHS	.59216398E-01	9.9766166
ETHI	-.15091161	6.2228518
PSSOME	-5.1296496	14.127633
NOOCCUP	1.9371357	6.5791631
FEWHS	-.97270657E-01	.26325038
FEWSOME	.51279522E-01	.35951621

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.99998440	.46847504
INCOME	-.37266955E-04	.88833246E-04
NOINC	1.0445661	1.1261675
ENTAGE	-.45962256E-02	.53660794E-01
OCCUP	.60468360E-01	.11781890
FEW	.15714804	.50665245E-01
PSHS	.89071329	1.8743112
ETHI	.35420673	1.1690999
PSSOME	.62748045	2.0541644
NOOCCUP	-1.0424130	1.2360302
FEWHS	-.46140791E-01	.53214369E-01
FEWSOME	-.42266257E-01	.67542462E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	1.2773609	.97843454
INCOME	-.39290749E-04	.10553287E-03
NOINC	-.35940762E-01	2.3520595
ENTAGE	-.17710513	.11207337
OCCUP	.43363833	.24607091
FEW	.22202619	.10581701
PSHS	-1.2882769	3.9145967
ETHI	2.2588229	2.4417050
PSSOME	-7.1523833	5.5433607
NOOCCUP	-2.1394792	2.5915134
FEWHS	.78151324E-01	.11114098
FEWSOME	.21066169	.14106595

Table F7-(9)-IIEF

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT II-EF PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE COGNITIVE CURRICULUM MODEL

CODE

SEX = Sex
PSSOME = Some Preschool
NOOCCUP = Missing Occupation
ENTAGE = Entry Age
FEW = Fall Entering First WRAT
INCOME = Income
ETH2 = White vs. Other
PSHS = Head Start
OCCUP = Occupation
NOINC = Missing Income
FEWHS = FEW x Head Start
FEWSOME = FEW x Some Preschool

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	.34282024	1.4518145
PSSOME	16.703747	9.7301830
NOOCCUP	7.4363253	7.0327377
ENTAGE	-.81724972E-01	.14554304
FEW	.35797046	.10607099
INCOME	-.19304016E-03	.37350229E-03
ETH2	-6.4422311	3.7608525
PSHS	5.5990453	5.3055395
OCCUP	.35556453	.61689444
NOINC	-7.2872204	7.3112952
FEWHS	-.20168517	.10392761
FEWSOME	-.45634521	.20407379

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	.37150653	1.7075245
PSSOME	39.069567	11.443973
NOOCCUP	9.1327608	8.9771015
ENTAGE	-.10468794	.17117773
FEW	.58079393	.19532128
INCOME	.51862728E-03	.43928772E-03
ETH2	8.3211997	4.4232543
PSHS	4.2835093	6.4752372
OCCUP	-.17757635	.72554884
NOINC	-13.952969	8.5990429
FEWHS	-.13808814	.21632301
FEWSOME	-1.0961633	.33410807

Raven's

VARIABLE	B	STD ERROR B
SEX	-1.1781175	1.1418910
PSSOME	11.118363	7.6529822
NOOCCUP	6.5980442	6.0032993
ENTAGE	-.88544586E-01	.11447250
FEW	.32813021	.13061813
INCOME	-.28449229E-04	.29370607E-03
ETH2	.42164033	2.9579852
PSHS	6.6749731	4.3302162
OCCUP	.18196732	.40519973
NOINC	-5.5612924	5.7504789
FEWHS	-.22261163	.14466272
FEWSOME	-.30007511	.22342968

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	2.1852195	2.4654999
PSSOME	39.277746	16.523988
NOOCCUP	5.9322799	12.962065
ENTAGE	-.21727572	.24716405
FEW	.79433889	.28202501
INCOME	.38519516E-03	.63428891E-03
ETH2	-2.9418783	6.3867535
PSHS	2.6214220	9.3496152
OCCUP	-.79621479E-01	1.0476222
NOINC	-10.444725	12.416185
FEWHS	-.19234363	.31234947
FEWSOME	-1.2840063	.48241969

MAT Reading

VARIABLE	B	STD ERROR B
SEX	.94390566	1.1293463
PSSOME	23.406820	7.5689735
NOOCCUP	9.8964049	5.9374001
ENTAGE	-.86712016E-01	.11321590
FEW	.37378532	.12918430
INCOME	-.79621943E-04	.29054221E-03
ETH2	6.6098055	2.9255147
PSHS	4.3570511	4.2826823
OCCUP	-.77907363E-01	.47987357
NOINC	-12.084775	5.6873544
FEWHS	-.15569145	.14307472
FEWSOME	-.59096442	.22097704

MAT Language

VARIABLE	B	STD ERROR B
SEX	-.84512046	1.5017778
PSSOME	15.403469	10.065041
NOOCCUP	6.6104015	7.8954133
ENTAGE	-.23395302	.15055191
FEW	.16589352	.17178621
INCOME	.32871066E-03	.30635612E-03
ETH2	3.4368933	3.8902798
PSHS	-7.9852093	5.0950090
OCCUP	-.59212204	.63812445
NOINC	-7.7557776	7.5629085
FEWHS	.22774038	.19025735
FEWSOME	-.35641796	.29385000

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	-.25288057	1.3112292
PSSOME	17.424018	8.7879616
NOOCCUP	6.3338186	6.8936224
ENTAGE	-.15143601	.13144940
FEW	.41646069	.14998952
INCOME	.97625021E-04	.33733423E-03
ETH2	-.70498929	3.3966708
PSHS	4.6402493	4.9724112
OCCUP	.35918064	.55715753
NOINC	-9.3533284	6.6033067
FEWHS	-.23615577	.16611700
FEWSOME	-.51514071	.25656554

Table F7-(9)-IIEF (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	.41810690	1.1813012
PSSOME	6.7942115	7.9171796
NOOCCUP	3.4519018	6.2105465
ENTAGE	-.53970642E-01	.11842433
FEW	.16365755	.13512735
INCOME	-.19534652E-03	.30390843E-03
ETH2	1.1346774	3.0601012
PSHS	1.4201642	4.4797045
OCCUP	.88081701E-01	.50194986
NOINC	-6.7027609	5.9489977
FEWHS	-.75560535E-01	.14965678
FEWSOME	-.15847604	.23114295

Coopersmith

VARIABLE	B	STD ERROR B
SEX	-.78757086E-01	1.6427346
PSSOME	15.685304	11.009741
NOOCCUP	-5.9129273	8.6364733
ENTAGE	-.28363781	.10468254
FEW	.35167368	.18770999
INCOME	.13931467E-03	.42261933E-03
ETH2	-3.4741437	4.2554197
PSHS	.65757458	6.2245400
OCCUP	.50677720E-01	.69801853
NOINC	.93228098	8.2727598
FEWHS	-.12438340	.20811483
FEWSOME	-.46523369	.32143064

IARS(-)

VARIABLE	B	STD ERROR B
SEX	.49100703	.67102913
PSSOME	5.4476056	4.4972936
NOOCCUP	-3.0779021	3.5278537
ENTAGE	-.23585615E-01	.67270040E-01
FEW	.84725732E-01	.76758062E-01
INCOME	-.48772125E-04	.17263287E-03
ETH2	3.0125140	1.7382672
PSHS	2.4660229	2.5446620
OCCUP	-.56404061E-01	.20512880
NOINC	2.8627798	3.3792826
FEWHS	-.51149084E-01	.85011397E-01
FEWSOME	-.15192754	.13129899

IARS(+)

VARIABLE	B	STD ERROR B
SEX	.58922399	.60821469
PSSOME	2.2154084	4.6124757
NOOCCUP	-.81717270	3.0182047
ENTAGE	-.10475509	.66992877E-01
FEW	.71259765E-02	.78723894E-01
INCOME	.14446471E-03	.17705413E-03
ETH2	-.14328413	1.7827855
PSHS	-3.3936032	2.6098329
OCCUP	-.32504491E-01	.29243116
NOINC	-.75609363	3.4658289
FEWHS	.97944067E-01	.87188604E-01
FEWSOME	-.30086711E-01	.13466166

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	1.9154072	2.3516904
PSSOME	62.476407	17.101443
NOOCCUP	19.029225	13.415201
ENTAGE	-.19139996	.25580457
FEW	.95457925	.29188421
INCOME	.43900533E-03	.65646277E-03
ETH2	14.931005	6.0100256
PSHS	8.0406404	9.0704848
OCCUP	-.25548572	1.0842457
NOINC	-26.037744	12.850237
FEWHS	-.29377959	.32326878
FEWSOME	-1.0871277	.49928441

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	.53804657	3.3126131
PSSOME	40.922476	22.201412
NOOCCUP	17.192106	17.415659
ENTAGE	-.28713163	.33268636
FEW	.95810170	.37892506
INCOME	-.28570365E-03	.85222220E-03
ETH2	-6.6125430	8.5811577
PSHS	11.659459	12.562019
OCCUP	1.2978349	1.4075714
NOINC	-23.313310	16.682222
FEWHS	-.51340147	.41966863
FEWSOME	-1.1299640	.64817272

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	-.15306478	.65602429
PSSOME	7.8967035	4.4020915
NOOCCUP	-4.2383032	3.4531735
ENTAGE	-.13362021	.65846018E-01
FEW	.74851399E-01	.75133190E-01
INCOME	.19506793E-03	.10897845E-03
ETH2	2.1213393	1.7014703
PSHS	-4.0891715	2.4907949
OCCUP	-.24182069	.27909298
NOINC	2.5695070	3.3077477
FEWHS	.11025278	.83211913E-01
FEWSOME	-.21731011	.12851956

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	-.69220108	1.1649885
PSSOME	7.5067 56	7.0078506
NOOCCUP	10.840735	6.1247847
ENTAGE	-.97342003E-01	.11678900
FEW	.91842119E-01	.13326137
INCOME	.13364068E-03	.29971174E-03
ETH2	1.2855539	3.0178440
PSHS	-3.8960078	4.4178439
OCCUP	-.45029595	.49501840
NOINC	-10.325365	5.0668475
FEWHS	.11744360	.14759016
FEWSOME	-.13904085	.22745108

Table F7-(10)-IIEF

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT II-EF PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE PARENT EDUCATION MODEL

CODE

SEX = Sex
LANG = First Language
ETH1 = White vs. Black
NOINC = Missing Income
ENTAGE = Entry Age
PSSOME = Some Preschool
INCOME = Income
FEW = Fall Entering First WRAT
OCCUP = Occupation
FEWHS = FEW x Head Start
PSHS = Head Start
ETH2 = White vs. Other
NOOCCUP = Missing Occupation
FEWSOME = FEW x Some Preschool

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	.59783717E-01	.71434179
LANG	4.2642103	4.3648160
ETH1	1.4154096	1.2993138
NOINC	3.0026037	3.4376087
ENTAGE	.16319175	.90546366E-01
PSSOME	-3.4724131	3.1241737
INCOME	.30302261E-04	.14414178E-03
FEW	.20963940	.60826968E-01
OCCUP	.65054721E-01	.29713870
FEWHS	.15950577E-01	.81175449E-01
PSHS	-3.3761275	2.8524394
ETH2	-4.0831683	2.4004981
NOOCCUP	-1.7774164	3.4560150
FEWSOME	.50536190E-01	.83329431E-01

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	1.2743473	1.0207376
LANG	-1.5974241	6.2309750
ETH1	1.7895951	1.6566161
NOINC	3.1578385	4.9120694
ENTAGE	-.11918241	.12652572
PSSOME	-3.5422719	4.4641959
INCOME	.10282080E-03	.20596714E-03
FEW	.47717891	.90348122E-01
OCCUP	.68947058	.29598474
FEWHS	-.52235511E-01	.11599326
PSHS	-3.9495097	4.0759091
ETH2	-2.4329790	3.4301210
NOOCCUP	-3.4278875	4.9383707
FEWSOME	.58542237E-01	.11907113

Raven's

VARIABLE	B	STD ERROR B
SEX	-1.5525424	.51509440
LANG	3.7007320	3.1473621
ETH1	2.0491776	.93690343
NOINC	-1.4057407	2.4787755
ENTAGE	.12304847E-01	.63848619E-01
PSSOME	-1.3904485	2.2527653
INCOME	.82528851E-05	.10393711E-03
FEW	.13964727	.49629372E-01
OCCUP	.13407107	.14936265
FEWHS	.35583541E-01	.58533631E-01
PSHS	-.77277173	2.0568243
ETH2	-1.7715497	1.7309405
NOOCCUP	.96506077	2.4920479
FEWSOME	.50140233E-01	.60986815E-01

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	2.0753645	1.0948327
LANG	8.2860266	6.6897152
ETH1	1.3432344	1.9913874
NOINC	7.3553942	5.2686351
ENTAGE	-.27680168	.13571018
PSSOME	-5.8901070	4.7882505
INCOME	.18128737E-03	.22091824E-03
FEW	.50158368	.10548718
OCCUP	.27398726	.31747018
FEWHS	-.22955845E-01	.12441318
PSHS	-3.4031092	4.3717781
ETH2	-1.2066097	3.0791124
NOOCCUP	-8.2601308	5.2968455
FEWSOME	.11253139	.12771447

MAT Reading

VARIABLE	B	STD ERROR B
SEX	1.0993862	.71959411
LANG	1.1832573	4.3969090
ETH1	1.4539337	1.3008672
NOINC	.75533753	3.4628842
ENTAGE	-.59912287E-01	.99197418E-01
PSSOME	-.11943026	3.1471447
INCOME	.95765054E-04	.14520161E-03
FEW	.36195334	.69332929E-01
OCCUP	.41578203	.20865172
FEWHS	-.90598446E-01	.81772304E-01
PSHS	1.1500461	2.8734124
ETH2	-2.0484291	2.4181482
NOOCCUP	-.74234813	3.4814260
FEWSOME	-.34946868E-02	.83942124E-01

MAT Language

VARIABLE	B	STD ERROR B
SEX	.89313594	.82575494
LANG	1.9132794	5.0455796
ETH1	2.7101259	1.5019628
NOINC	-1.9287255	3.9737593
ENTAGE	-.57817798E-02	.10235660
PSSOME	-3.7219901	3.0114301
INCOME	.18609294E-03	.16662302E-03
FEW	.30776103	.79561531E-01
OCCUP	.16486068	.23944533
FEWHS	-.34870622E-01	.93836672E-01
PSHS	-1.0105134	3.2973234
ETH2	-5.7413934	2.7748946
NOOCCUP	1.4434528	3.9930365
FEWSOME	.32774327E-01	.90326002E-01

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	-.43491916	.75630494
LANG	.71617230	4.6215885
ETH1	1.8739537	1.3757496
NOINC	1.5533132	3.0398356
ENTAGE	.13874741E-01	.93755353E-01
PSSOME	-4.9669627	3.3079619
INCOME	.12380230E-03	.15262132E-03
FEW	.26949932	.72875800E-01
OCCUP	.28292973	.21932421
FEWHS	-.11737676E-01	.95950820E-01
PSHS	-2.6085115	3.0202421
ETH2	-2.5396382	2.5417141
NOOCCUP	-1.4765412	3.0593247
FEWSOME	.95717672E-01	.88231516E-01

Table F7-(10)-IIEF (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	.63810437	.70335306
LANG	-.92224745	4.2976720
ETH1	1.4314925	1.2793265
NOINC	3.5454754	3.3847279
ENTAGE	-.51938795E-01	.97184256E-01
PSSOME	-4.2722334	3.0761145
INCOME	.57412709E-04	.14192445E-03
FEW	.21115671	.67768104E-01
OCCUP	.94940059E-01	.24395229
FEWHS	-.12859161E-01	.79926776E-01
PSHS	-1.8170210	2.6085603
ETH2	-2.6718411	2.3635712
NOOCCUP	-3.1128247	3.4028511
FEWSOME	.88261146E-01	.82047573E-01

Coopersmith

VARIABLE	B	STD ERROR B
SEX	-.55538528	.84778563
LANG	-1.9929189	5.1801929
ETH1	1.6254860	1.5420344
NOINC	2.0375045	4.0797770
ENTAGE	.46631409E-01	.10508742
PSSOME	.11862669	3.7077903
INCOME	.46734528E-04	.17106843E-03
FEW	.18583550	.81684189E-01
OCCUP	.21790367	.24583360
FEWHS	.43769957E-01	.90339567E-01
PSHS	-1.4413260	3.3852942
ETH2	-3.0024252	2.8489273
NOOCCUP	-2.2220910	4.1016218
FEWSOME	.97652450E-02	.98895927E-01

IARS(-)

VARIABLE	B	STD ERROR B
SEX	.16011625	.35111625
LANG	1.0617470	2.1453759
ETH1	1.0364434	.63863325
NOINC	.83389325	1.6895389
ENTAGE	.29001297E-01	.43521936E-01
PSSOME	-.19327675	1.5355807
INCOME	.44529568E-04	.70847960E-04
FEW	.52555519E-01	.33829492E-01
OCCUP	.40550025E-01	.10181194
FEWHS	-.37946196E-01	.39899014E-01
PSHS	1.5374344	1.4020190
ETH2	-1.0429927	1.1798827
NOOCCUP	-.92798777	1.6980859
FEWSOME	-.29879975E-02	.40957730E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	.36844465	.28517010
LANG	-.21809152	1.7424642
ETH1	.53927362	.51869491
NOINC	2.1823833	1.3723167
ENTAGE	-.34542096E-01	.35348311E-01
PSSOME	-.29830712	1.2471914
INCOME	.51254740E-04	.57542379E-04
FEW	.48046609E-01	.27476154E-01
OCCUP	-.37549178E-02	.82691178E-01
FEWHS	.12869005E-02	.32405791E-01
PSHS	-.42305415	1.1387132
ETH2	-.70930193	.95829517
NOOCCUP	-2.5477698	1.3796647
FEWSOME	-.32837118E-02	.33265575E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	2.4519701	1.6270543
LANG	-.86313114	9.9417290
ETH1	3.3418453	2.9594434
NOINC	3.9451348	7.0298315
ENTAGE	-.22295985	.20168181
PSSOME	-3.6905375	7.1159216
INCOME	.22972926E-03	.32831133E-03
FEW	.83806115	.15676676
OCCUP	1.1058102	.47179923
FEWHS	-.13964178	.18489309
PSHS	-2.8781699	6.4909931
ETH2	-4.5993078	5.4676078
NOOCCUP	-4.0822239	7.6717556
FEWSOME	.51750511E-01	.18979921

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	.26292893	1.9316711
LANG	4.0581351	11.803018
ETH1	4.7208160	3.5135099
NOINC	8.1113922	9.2957312
ENTAGE	.55127599E-01	.23944064
PSSOME	-12.709609	8.4481632
INCOME	.21151747E-03	.30977772E-03
FEW	.59034344	.18611561
OCCUP	.44292481	.50012941
FEWHS	-.80462599E-02	.21950874
PSHS	-7.6016600	7.7133591
ETH2	-8.7446476	6.4912924
NOOCCUP	-6.3667623	9.3455044
FEWSOME	.23451441	.22533338

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.45980593	.34937501
LANG	-.41207673	2.1347731
ETH1	.62811388	.63547701
NOINC	-.24682211	1.0812884
ENTAGE	-.17601243E-01	.43306843E-01
PSSOME	-3.4159161	1.5279916
INCOME	.53807426E-04	.70497817E-04
FEW	.98045107E-01	.33652300E-01
OCCUP	.90191160E-01	.10130877
FEWHS	.24371546E-01	.39701826E-01
PSHS	-2.4490464	1.3950900
ETH2	-1.2283001	1.1740515
NOOCCUP	.21178642	1.0902937
FEWSOME	.73350490E-01	.40755310E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	.43238264	.64103574
LANG	2.3607295	3.9168968
ETH1	2.0521587	1.1659777
NOINC	-1.6898039	3.0848398
ENTAGE	.53006054E-02	.77459701E-01
PSSOME	-.29728065	2.0035697
INCOME	.12964965E-03	.12934989E-03
FEW	.21073044	.61763826E-01
OCCUP	.72729456E-01	.10588204
FEWHS	-.11186512	.72845190E-01
PSHS	1.5844552	2.5597217
ETH2	-3.7227510	2.1541580
NOOCCUP	1.1887645	3.1013573
FEWSOME	.94144706E-02	.74778130E-01

Table F7-(11)-IIEF

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS FOR COVARIATES INCLUDED IN THE COHORT II-EF PRESCHOOL ADJUSTED LOCAL ANALYSIS FOR THE EDC MODEL

CODE

SEX = Sex
NOOCCUP = Missing Occupation
OCCUP = Occupation
ENTAGE = Entry Age
ETH2 = White vs. Other
FEW = Fall Entering First WRAT
FEWHS = FEW x Head Start
INCOME = Income
PSSOME = Some Preschool
NOINC = Missing Income
ETH1 = White vs. Black
PSHS = Head Start
FEWSOME = FEW x Some Preschool

MAT Math Computations

VARIABLE	B	STD ERROR B
SEX	.37103558	.71270803
NOOCCUP	-.28930725	2.0091582
OCCUP	.21898657E-01	.19774348
ENTAGE	-.86184529E-01	.98456781E-01
ETH2	.91491029	2.2968270
FEW	.17441458	.90691861E-01
FEWHS	.17035207	.11044483
INCOME	.14921768E-03	.15134282E-03
PSSOME	-9.2699089	3.9966324
NOINC	1.0451724	1.6999582
ETH1	-.25803392	1.3172337
PSHS	-5.8474587	3.8736825
FEWSOME	.24577157	.10432263

MAT Word Knowledge

VARIABLE	B	STD ERROR B
SEX	.95895037	.97670924
NOOCCUP	2.6570726	2.7533903
OCCUP	.16349097	.27099159
ENTAGE	-.20192359	.13492713
ETH2	-1.9661372	3.1476173
FEW	.33867870	.13250845
FEWHS	.16053512	.15135579
INCOME	.40742063E-04	.20740321E-03
PSSOME	-15.124706	5.4770644
NOINC	.98149172	2.4296565
ETH1	2.1419079	1.8051632
PSHS	-6.4713496	5.3085714
FEWSOME	.34468377	.14296580

Raven's

VARIABLE	B	STD ERROR B
SEX	-1.4816015	.42805150
NOOCCUP	.45444116	1.2066977
OCCUP	.22124922E-01	.11876447
ENTAGE	-.72843383E-01	.59133012E-01
ETH2	-.13817084	1.3794713
FEW	.22401705	.58073004E-01
FEWHS	-.35026149E-01	.60333020E-01
INCOME	.10152445E-03	.90896299E-04
PSSOME	-.27721421	2.4003721
NOINC	-.68333980	1.0269926
ETH1	1.1346445	.79112832
PSHS	-1.1977439	2.3265295
FEWSOME	-.49063299E-01	.62656032E-01

MAT Spelling

VARIABLE	B	STD ERROR B
SEX	2.5139168	1.1116667
NOOCCUP	5.4809535	3.1338419
OCCUP	.20870733	.33843604
ENTAGE	-.35811176	.15357078
ETH2	.45685217	3.5825416
FEW	.55569647	.15081799
FEWHS	.87749985E-01	.17226948
INCOME	.24012079E-03	.23606129E-03
PSSOME	-13.639081	6.2338617
NOINC	-.75931475	2.0515584
ETH1	-.54313244	2.0545929
PSHS	-5.2451525	6.0420870
FEWSOME	.24589790	.16272020

MAT Reading

VARIABLE	B	STD ERROR B
SEX	1.3649772	.73073486
NOOCCUP	.80119394	2.0599767
OCCUP	.13078770	.26274509
ENTAGE	-.74054548E-01	.10094709
ETH2	-.54334502	2.3549216
FEW	.10893913	.91375300E-01
FEWHS	.19508459	.11323836
INCOME	-.37101185E-04	.15517080E-03
PSSOME	-15.735528	4.0977210
NOINC	1.3198147	1.7429560
ETH1	.94747551	1.3505511
PSHS	-8.2836269	3.9716612
FEWSOME	.40270019	.13696130

MAT Language

VARIABLE	B	STD ERROR B
SEX	.97644259	.85534293
NOOCCUP	2.2240318	2.4112528
OCCUP	.27913442	.23731806
ENTAGE	-.95178659E-01	.11816102
ETH2	-.33310778	2.7564931
FEW	.28770527	.11604289
FEWHS	-.12514151	.13254825
INCOME	-.43712497E-04	.18163120E-03
PSSOME	-10.840741	4.7964820
NOINC	-.53859082E-01	2.0401723
ETH1	1.4176394	1.5808529
PSHS	.45712972	4.6489260
FEWSOME	.23594275	.12520091

MAT Math Concepts

VARIABLE	B	STD ERROR B
SEX	-.10555971	.70944745
NOOCCUP	3.6236335	1.9999664
OCCUP	.22346040	.19683882
ENTAGE	-.64750520E-01	.90006350E-01
ETH2	3.7737024	2.2863102
FEW	.17921016	.96249504E-01
FEWHS	.17353512	.10993956
INCOME	.14410404E-03	.15005044E-03
PSSOME	-13.140081	3.9783492
NOINC	-.44693283	1.0921810
ETH1	-1.4546259	1.3112075
PSHS	-7.2221304	3.8559607
FEWSOME	.31153898	.10384536

Table F7-(11)-IIEF (continued)

MAT Math Problem Solving

VARIABLE	B	STD ERROR B
SEX	.30105796E-01	.65778609
NOOCCUP	-.11485370	1.0543306
OCCUP	.46274964E-01	.18250518
ENTAGE	.13529409E-01	.90869610E-01
ETH2	1.7508881	2.1198314
FEW	.25334042	.89240697E-01
FEWHS	-.25137988E-01	.10193385
INCOME	.71991769E-04	.13968020E-03
PSSOME	-6.7410714	3.0886482
NOINC	1.9888211	1.5689578
ETH1	-.59049226	1.2157265
PSHS	1.1261072	3.3751729
FEWSOME	.18844380	.90283429E-01

Coopersmith

VARIABLE	B	STD ERROR B
SEX	.97497094E-01	.80740681
NOOCCUP	-.42785129	2.2761186
OCCUP	-.10314404	.22401800
ENTAGE	-.14592498	.11153891
ETH2	.83856746	2.6020105
FEW	-.13612559E-01	.10953048
FEWHS	.19741372	.12511983
INCOME	.25135395E-03	.17145201E-03
PSSOME	-3.5719188	4.5276720
NOINC	3.3657072	1.9258346
ETH1	-1.1381099	1.4922569
PSHS	-7.0307744	4.3883855
FEWSOME	.12432896	.11818416

IARS(-)

VARIABLE	B	STD ERROR B
SEX	.47576749	.30280202
NOOCCUP	-.15979197	.85304964
OCCUP	-.34208340E-01	.83958051E-01
ENTAGE	-.10270139E-01	.41802842E-01
ETH2	1.0942841	.97518826
FEW	.36614167E-01	.41053491E-01
FEWHS	-.23282438E-02	.46892736E-01
INCOME	.76704802E-04	.64257231E-04
PSSOME	-.78789748	1.0968927
NOINC	.57653847	.72176932
ETH1	-.58506383	.55927191
PSHS	-.56919673	1.0446903
FEWSOME	.15737452E-01	.44293367E-01

IARS(+)

VARIABLE	B	STD ERROR B
SEX	.39665852	.25644994
NOOCCUP	.82903222	.72294470
OCCUP	-.91632724E-01	.71152984E-01
ENTAGE	-.54259273E-01	.35427180E-01
ETH2	.26005555	.82645504
FEW	.26123361E-01	.34792118E-01
FEWHS	.40876559E-01	.39740776E-01
INCOME	.47786490E-04	.54456882E-04
PSSOME	-.30545009	1.4380970
NOINC	.21804555	.61168691
ETH1	.18145168	.47397319
PSHS	-1.7213067	1.3938466
FEWSOME	.14818049E-01	.37537856E-01

MAT Total Reading

VARIABLE	B	STD ERROR B
SEX	2.3239270	1.5850594
NOOCCUP	3.4582066	4.4683587
OCCUP	.26168066	.43978060
ENTAGE	-.27598014	.21896744
ETH2	-2.5794023	5.1081329
FEW	.44761073	.21504226
FEWHS	.35771482	.24562880
INCOME	.36408775E-05	.33658575E-03
PSSOME	-30.860317	8.0884924
NOINC	2.3013064	3.7806903
ETH1	3.0893034	2.9295218
PSHS	-14.754476	8.0150523
FEWSOME	.74738490	.23201305

MAT Total Mathematics

VARIABLE	B	STD ERROR B
SEX	.34558260	1.0560647
NOOCCUP	3.2194925	5.2323355
OCCUP	.29164008	.51497201
ENTAGE	-.13740564	.25640535
ETH2	6.4395068	5.9814949
FEW	.60716016	.25180907
FEWHS	.31875000	.28762514
INCOME	.36531054E-03	.39413344E-03
PSSOME	-29.201561	10.408201
NOINC	3.1870607	4.4271037
ETH1	-2.4131021	3.4303962
PSHS	-11.943402	10.088009
FEWSOME	.74575436	.27168144

MAT Language Part A

VARIABLE	B	STD ERROR B
SEX	.49561055	.33609489
NOOCCUP	1.0131763	.94915906
OCCUP	-.38388364E-01	.93417242E-01
ENTAGE	-.15820476E-01	.40512588E-01
ETH2	-.83287092	1.0850585
FEW	.12222806	.45678811E-01
FEWHS	.48217014E-02	.52175938E-01
INCOME	-.96124735E-05	.71496815E-04
PSSOME	-1.7534571	1.0880743
NOINC	.19693745	.80300795
ETH1	.77281474	.62228266
PSHS	-.69480408	1.0299907
FEWSOME	.40464610E-01	.49283709E-01

MAT Language Part B

VARIABLE	B	STD ERROR B
SEX	.48082404	.67251472
NOOCCUP	1.2108554	1.8958513
OCCUP	.31752279	.18659170
ENTAGE	-.79357583E-01	.92904292E-01
ETH2	.49987014	2.1672970
FEW	.16547721	.91238905E-01
FEWHS	-.12496329	.10421627
INCOME	-.34784924E-04	.14280781E-03
PSSOME	-9.0867536	3.7712416
NOINC	-.25079053	1.6046887
ETH1	.64502468	1.2429480
PSHS	1.1516338	3.0552254
FEWSOME	.19547674	.90439333E-01

Table F8-IIK

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) FOR THE COVARIATES INCLUDED IN THE PRESCHOOL ADJUSTED POOLED ANALYSIS AND PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-K CHILDREN WITH HEAD START EXPERIENCE

OUTCOME	STATISTIC	COVARIATE									
		Sex	Entry Age	Missing Income	Missing Occupation	Occupation	Income	Language	Ethnicity (White vs. Other)	Ethnicity (White vs. Black)	Fall Kindergarten Pretest
Word Knowledge	b	.839	-.021	-1.269	2.761	.435	.388	1.938	-.734	.412	.343
	SE	1.085	.132	2.366	2.424	.304	.217	3.827	1.992	1.403	.045
Spelling	b	4.176	-.201	-2.196	3.031	.404	.325	-2.388	-1.008	.698	.380
	SE	1.295	.158	2.825	2.894	.363	.259	4.568	2.378	1.675	.053
Language	b	2.440	-.095	-.092	1.759	.142	.116	1.326	-1.431	-.350	.260
	SE	.816	-.100	1.780	1.824	.229	.163	2.879	1.499	1.056	.034
Math Computations	b	.931	.063	.881	-.342	-.005	.018	1.028	-.967	.274	.195
	SE	.741	.090	1.626	.166	.208	.148	2.613	1.360	.958	.030
Raven's	b	-.233	.003	.382	-1.740	-.034	.039	-2.379	-.438	1.240	.144
	SE	.467	.569	1.020	1.043	.131	.093	1.647	.867	.604	.019
Reading	b	1.117	.003	1.152	.726	.314	.110	-1.319	-.473	-.566	.228
	SE	.770	.094	1.680	1.721	.216	.154	2.716	1.414	.996	.032
Math Concepts	b	.172	-.023	-.513	1.399	.174	.107	-.801	-.231	-.231	.283
	SE	.740	.090	1.613	1.653	.208	.148	2.609	1.358	.957	.030
Math Problem Solving	b	.349	-.062	-.528	1.548	.006	.160	-.878	-.167	.250	.208
	SE	.691	.842	1.507	1.544	.194	.138	2.437	1.269	.894	.028
Coopersmith	b	2.046	.133	-3.503	4.913	.444	-.002	2.601	-2.572	-.883	.056
	SE	.882	.108	1.924	1.971	.247	.176	3.111	1.620	1.141	.036
IARS(-)	b	.208	.378	[illegible]	-.607	.077	-.020	-1.334	.420	-.426	.046
	SE	.330	.040	.719	.737	.092	.066	1.163	.605	.427	.014
IARS(+)	b	.391	.034	-.500	.669	.057	.012	1.285	.163	.064	.023
	SE	.401	.488	.874	.895	.112	.080	1.413	.735	.518	.016
Total Reading	b	2.016	-.018	-.117	3.488	.750	.498	.613	-1.207	-.154	.571
	SE	1.726	.210	3.763	3.855	.484	.345	6.086	3.166	2.232	.071
Total Math	b	1.453	-.022	-.160	2.605	.175	.284	-.651	-1.365	.294	.686
	SE	1.894	.231	4.131	4.232	.531	.378	6.681	3.478	2.450	.078
Language Part A	b	.949	-.045	.280	-.235	.091	.028	1.314	.185	.250	.087
	SE	.339	.041	.740	.758	.095	.068	1.196	.623	.439	.014
Language Part B	b	1.490	-.050	-.372	1.994	.051	.088	.012	-1.616	-.600	.172
	SE	.642	.078	1.400	1.434	.180	.128	2.264	1.178	.930	.026

Table F8-IIK (continued)

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) FOR THE COVARIATES INCLUDED IN THE PRESCHOOL ADJUSTED POOLED ANALYSIS AND PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-K CHILDREN WITH SOME PRESCHOOL EXPERIENCE

OUTCOME	STATISTIC	COVARIATE									
		Sex	Entry Age	Missing Income	Missing Occupation	Occupation	Income	Language	Ethnicity (White vs. Other)	Ethnicity (White vs. Black)	Fall Kindergarten Pretest
Word Knowledge	b	1.262	-.220	-5.343	1.484	.463	.272	1.279	-2.737	.763	.469
	SE	.924	.122	2.291	2.234	.222	.180	2.467	1.496	1.090	.038
Spelling	b	4.071	-.267	-7.266	2.487	.272	.188	-2.582	-.015	-1.168	.507
	SE	1.071	.141	2.656	2.589	.257	.209	2.860	1.734	1.263	.044
Language	b	.870	-.148	-1.850	.291	.350	.323	-.018	-.754	1.797	.312
	SE	.812	.107	2.013	1.963	.195	.158	2.168	1.315	.958	.034
Math Computations	b	.798	.107	-3.222	1.760	.308	.159	-1.369	-1.230	.271	.262
	SE	.665	.088	1.648	1.607	.160	.130	1.775	1.076	.784	.028
Raven's	b	-1.435	-.044	.641	-.270	.069	.080	.354	-1.290	2.192	.133
	SE	.421	.056	1.043	1.017	.101	.082	1.120	.681	.496	.017
Reading	b	1.012	-.097	-2.167	.007	.497	.185	-.228	-1.443	.714	.339
	SE	.725	.096	1.796	1.752	.174	.141	1.934	1.173	.855	.030
Math Concepts	b	.225	-.271	-3.665	1.430	.305	.144	-.387	-1.375	2.691	.298
	SE	.674	.089	1.672	1.631	.162	.131	1.801	1.092	.796	.028
Math Problem Solving	b	.626	.013	-3.159	.899	.240	.243	-2.327	-.254	1.152	.271
	SE	.626	.083	1.552	1.513	.150	.122	1.671	1.013	.738	.026
Coopersmith	b	1.869	.099	-2.163	-1.111	.160	.300	-2.001	.569	1.523	.065
	SE	.796	.105	1.973	1.924	.191	.155	2.125	1.289	.939	.033
IARS(-)	b	.029	-.116	-1.015	.452	.037	-.020	.374	-.383	-.437	.071
	SE	.305	.040	.756	.737	.073	.059	.814	.494	.360	.013
IARS(+)	b	-.076	-.011	-.291	-.420	.046	.024	-.255	-.244	-.640	.070
	SE	.273	.036	.677	.660	.066	.053	.729	.322	.442	.011
Total Reading	b	2.274	-.317	-8.110	1.491	.360	.458	1.051	-4.180	1.477	.808
	SE	1.544	.204	3.829	3.734	.371	.301	4.123	2.501	1.822	.064
Total Math	b	1.649	.094	-10.046	4.089	.853	.546	-4.083	-2.859	4.114	.832
	SE	1.711	.226	4.243	4.138	.411	.333	4.569	2.771	2.019	.071
Language Part A	b	.305	-.059	-1.284	.665	.072	.082	-.422	.344	-.206	.109
	SE	.299	.039	.740	.722	.072	.058	.797	.483	.352	.012
Language Part B	b	.365	-.089	-.566	-.373	.278	.242	.405	-1.098	2.003	.203
	SE	.671	.089	1.664	1.623	.161	.131	1.792	1.087	.792	.028

Table F8-IIK (continued)

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) FOR THE COVARIATES INCLUDED IN THE PRESCHOOL ADJUSTED POOLED ANALYSIS AND PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-K CHILDREN WITH NO PRESCHOOL EXPERIENCE

OUTCOME	STATISTIC	COVARIATE									
		Sex	Entry Age	Missing Income	Missing Occupation	Occupation	Income	Language	Ethnicity (White vs. Other)	Ethnicity (White vs. Black)	Fall Kindergarten Pretest
Word Knowledge	b	-.532	-.244	2.060	-2.903	.214	.205	1.814	1.055	.445	.382
	SE	.672	.088	2.175	2.373	.184	.140	2.094	1.074	.860	.027
Spelling	b	1.229	-.326	.544	-.248	.241	.189	.932	-.035	.576	.427
	SE	.793	.104	2.568	2.802	.217	.165	2.472	1.268	1.016	.032
Language	b	.348	-.175	2.849	-3.365	.261	.317	1.246	.021	1.012	.284
	SE	.537	.070	1.740	1.898	.147	.112	1.675	.859	.688	.022
Math Computations	b	-.334	.016	2.153	-1.650	.373	.103	1.699	-1.265	.675	.236
	SE	.451	.059	1.460	1.593	.123	.094	1.405	.721	.577	.018
Raven's	b	-1.033	-.087	1.741	-.182	.205	.090	-.891	-1.564	1.829	.125
	SE	.294	.038	.951	1.038	.080	.061	.916	.470	.376	.012
Reading	b	.194	-.168	1.561	-.832	.122	.211	-.313	.164	1.160	.257
	SE	.505	.066	1.634	1.783	.138	.105	1.573	.807	.646	.020
Math Concepts	b	-1.068	-.124	1.459	1.217	.415	-.008	-.649	-.468	.582	.247
	SE	.476	.062	1.542	1.682	.130	.099	1.484	.761	.610	.019
Math Problem Solving	b	-.669	-.114	1.805	-1.043	.139	.128	.727	-.085	.415	.202
	SE	.447	.054	1.448	1.579	.122	.093	1.393	.715	.572	.018
Coopersmith	b	1.072	.134	1.722	2.723	.356	.107	-.203	-1.196	.783	.108
	SE	.590	.077	1.909	2.083	.161	.123	1.838	.942	.755	.024
IARS(-)	b	-.186	-.097	.399	-.261	.073	.092	.409	-.355	.287	.036
	SE	.209	.027	.676	.737	.057	.043	.650	.333	.267	.008
IARS(+)	b	.473	-.006	-.171	-.557	.139	.094	.130	-.362	.188	.027
	SE	.202	.026	.655	.714	.055	.042	.630	.323	.259	.008
Total Reading	b	-.338	-.412	3.620	-3.735	.336	.416	1.501	1.220	1.605	.639
	SE	1.099	.143	3.558	3.882	.300	.229	3.425	1.756	1.407	.044
Total Math	b	-2.071	-.222	5.417	-1.476	.927	.223	1.778	-1.819	1.673	.685
	SE	1.202	.157	3.391	4.245	.328	.250	3.746	1.921	1.539	.048
Language Part A	b	.350	-.075	.759	-.619	.035	.110	-.128	-.011	.548	.096
	SE	.216	.028	.699	.763	.059	.045	.673	.345	.276	.009
Language Part B	b	-.002	-.100	2.090	-2.746	.226	.206	1.374	.032	.464	.189
	SE	.420	.055	1.360	1.483	.115	.087	1.309	.671	.538	.017

Table F8-IIIEF

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) FOR THE COVARIATES INCLUDED IN THE PRESCHOOL ADJUSTED POOLED ANALYSIS AND PRESCHOOL BLOCKED POOLED ANLAYSIS FOR COHORT III-EF CHILDREN WITH HEAD START EXPERIENCE

OUTCOME	STATISTIC	COVARIATE									
		Sex	Entry Age	Missing Income	Missing Occupation	Occupation	Income	Language[a]	Ethnicity (White vs. Other)[a]	Ethnicity (White vs. Black)	Fall Kindergarten Pretest
Word Knowledge	b	.814	-.382	4.765	-4.973	.904	.174			.614	.449
	SE	1.561	.163	3.690	3.490	.373	.308			1.449	.082
Spelling	b	3.537	-.386	5.715	-5.257	.923	.074			-.495	.536
	SE	1.897	.198	4.485	4.242	.454	.374			1.761	.100
Language	b	-.408	-.163	2.931	-3.657	.549	-.018			.526	.361
	SE	1.306	.137	3.087	2.920	.312	.257			1.212	.069
Math Computations	b	-.072	.025	2.450	-2.265	.347	.296			.112	.256
	SE	1.194	.125	2.822	2.669	.285	.235			1.108	.063
Raven's	b	-2.798	-.122	3.058	-3.182	.260	.164			1.925	.168
	SE	.874	.091	2.067	1.955	.209	.173			.812	.046
Reading	b	-.744	-.241	3.747	-4.088	.728	.038			.678	.287
	SE	1.110	.116	2.623	2.481	.265	.219			1.030	.058
Math Concepts	b	-1.139	-.175	2.700	-.086	.435	.323			-.865	.334
	SE	1.123	.117	2.655	2.511	.269	.221			1.042	.059
Math Problem Solving	b	-.512	-.193	4.330	-3.658	.176	.197			.532	.317
	SE	1.059	.111	2.504	2.368	.253	.209			.983	.056
Coopersmith	b	1.081	-.495	4.817	-5.399	.056	-.250			.183	.266
	SE	1.270	.133	3.004	2.841	.304	.250			1.179	.067
IAPS(-)	b	.141	-.072	.086	.451	.027	.131			-.050	.677
	SE	.472	.049	1.117	1.057	.113	.093			.439	.025
IAPS(+)	b	-.085	-.047	.648	-.541	.152	.007			.542	.080
	SE	.373	.039	.882	.834	.089	.074			.346	.020
Total Reading	b	.070	-.623	8.512	-9.061	1.633	.212			1.293	.736
	SE	2.473	.259	5.846	5.530	.591	.487			2.296	.130
Total Math	b	-1.723	-.347	9.480	-6.009	.958	.817			-.221	.907
	SE	2.912	.305	6.886	6.513	.697	.574			2.704	.153
Language Part A	b	.582	-.085	.617	-.628	.207	.042			.591	.144
	SE	.572	.060	1.353	1.280	.137	.113			.531	.030
Language Part B	b	-.989	-.078	2.314	-3.029	.342	-.061			-.065	.217
	SE	.971	.102	2.295	2.170	.232	.191			.901	.051

[a] For this group of children there is a single value for this covariate.

Table F8-IIIEF (continued)

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) FOR THE COVARIATES INCLUDED IN THE PRESCHOOL ADJUSTED POOLED ANALYSIS AND PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT III-EF CHILDREN WITH SOME PRESCHOOL EXPERIENCE

OUTCOME	STATISTIC	COVARIATE									
		Sex	Entry Age	Missing Income	Missing Occupation	Occupation	Income	Language	Ethnicity (White vs. Other)	Ethnicity (White vs. Black)	Fall Kindergarten Pretest
Word Knowledge	b	.496	-.322	.391	-.397	.344	-.018	50.303	-20.575	5.004	.544
	SE	1.086	.110	3.737	3.800	.251	.204	4.568	2.085	1.375	.054
Spelling	b	2.649	-.352	-.603	-.176	.335	-.080	6.512	-4.597	4.831	.567
	SE	1.205	.122	4.147	4.217	.279	.227	5.069	2.313	1.526	.060
Language	b	1.621	-.128	-2.031	.403	.521	.116	.347	-.022	1.274	.416
	SE	.932	.094	3.205	3.260	.216	.175	3.918	1.788	1.180	.046
Math Computations	b	.474	-.064	1.217	-1.229	.239	0	-1.911	-1.632	2.252	.296
	SE	.703	.071	2.417	2.458	.163	.132	2.955	1.349	.890	.035
Raven's	b	-1.027	-.022	.318	-1.603	.063	.085	-1.440	-.831	2.142	.131
	SE	.477	.048	1.641	1.669	.110	.090	2.006	.916	.604	.028
Reading	b	.375	-.098	.234	-.572	.231	.019	6.092	-3.014	3.916	.366
	SE	.853	.086	2.936	2.986	.197	.160	3.589	1.638	1.081	.043
Math Concepts	b	-.019	-.097	.353	-1.069	.193	.033	.615	-1.383	3.067	.361
	SE	.721	.073	2.479	2.520	.167	.135	3.030	1.383	.912	.036
Math Problem Solving	b	-.282	-.054	-.455	-.620	.236	.755	2.781	-1.755	2.466	.299
	SE	.700	.071	2.408	2.449	.162	.132	2.943	1.343	.886	.035
Coopersmith	b	.253	-.099	-.671	2.059	.149	.117	-.166	-.683	1.632	.144
	SE	.820	.083	2.820	2.868	.190	.154	3.448	1.573	1.038	.041
IARS (+)	b	-.133	-.004	-.003	.798	-.045	.030	-.139	.550	.053	.028
	SE	.318	.032	1.093	1.111	.074	.060	1.336	.610	.402	.016
IARS (-)	b	.322	-.025	-.074	.488	.019	.030	-.511	.036	-.151	.043
	SE	.270	.027	.927	.943	.062	.051	1.130	.517	.341	.013
Total Reading	b	.871	-.419	.625	-.969	.575	.001	11.394	-5.589	8.920	.910
	SE	1.626	.184	6.283	6.389	.423	.343	7.680	3.505	2.313	.091
Total Math	b	.174	-.216	1.116	-2.918	.668	.109	1.485	-4.769	7.785	.956
	SE	1.876	.189	6.453	6.562	.434	.353	7.888	3.600	2.375	.093
Language Part A	b	.968	-.048	-.186	.342	.131	.023	.718	.233	.604	.119
	SE	.356	.036	1.225	1.246	.082	.067	1.497	.683	.451	.018
Language Part B	b	.653	-.090	-1.845	.061	.390	.093	-.371	-.255	.670	-.297
	SE	.729	.073	2.504	2.546	.168	.137	3.060	1.397	.921	.036

Table F8-IIIEF (continued)

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) FOR THE COVARIATES INCLUDED IN THE PRESCHOOL ADJUSTED POOLED ANALYSIS AND PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT III-EF CHILDREN WITH NO PRESCHOOL EXPERIENCE

OUTCOME	STATISTIC	COVARIATE									
		Sex	Entry Age	Missing Income	Missing Occupation	Occupation	Income	Language	Ethnicity (White vs. Other)	Ethnicity (White vs. Black)	Fall Kindergarten Pretest
Word Knowledge	b	3.291	-.472	-7.770	6.194	.130	.012	5.124	1.524	2.680	.426
	SE	1.535	.141	4.194	4.254	.386	.275	5.892	4.963	2.653	.065
Spelling	b	5.309	-.668	-7.495	4.199	-.162	-.176	7.545	2.246	3.036	.450
	SE	1.689	.155	4.613	4.679	.424	.303	6.481	5.459	2.918	.072
Language	b	3.238	-.362	-5.904	5.297	.058	.078	-.251	1.221	1.849	.307
	SE	1.217	.112	3.324	3.372	.306	.218	4.670	3.934	2.103	.052
Math Computations	b	1.771	-.173	-2.679	1.971	.057	.079	3.224	-.309	1.289	.235
	SE	.953	.088	2.604	2.641	.239	.171	3.658	.308	1.647	.040
Raven's	b	-.258	-.151	2.620	-2.428	.129	.078	4.165	-3.562	3.371	.192
	SE	.689	.063	1.883	1.910	.173	.124	2.646	2.229	1.191	.029
Reading	b	2.105	-.389	-3.099	2.431	.043	.021	4.071	-.398	2.279	.279
	SE	1.104	.101	3.015	3.058	.277	.198	4.235	3.567	1.907	.047
Math Concepts	b	1.950	-.310	-4.638	4.307	.049	.077	2.153	-1.160	2.177	.314
	SE	1.027	.094	2.804	2.844	.258	.184	3.939	3.318	1.774	.044
Math Problem Solving	b	2.000	-.244	-6.548	6.021	-.050	.083	1.766	2.764	.326	.229
	SE	1.000	.092	2.732	2.771	.251	.179	3.838	3.233	.173	.042
Coopersmith	b	1.691	-.255	-4.289	3.049	-.282	-.044	-.413	1.532	-1.491	.130
	SE	1.117	.103	3.050	3.094	.280	.200	4.285	3.609	1.930	.047
IARS(-)	b	-.058	-.524	-.192	.807	.202	.004	1.649	-1.683	1.571	.045
	SE	.445	.041	1.214	1.232	.112	.080	1.706	1.437	.768	.019
IARS(+)	b	.887	-.017	-.903	.674	-.016	-.016	.235	-1.626	.851	.029
	SE	.381	.035	1.040	1.055	.096	.068	1.461	1.231	.658	.162
Total Reading	b	5.395	-.861	-10.869	8.625	.173	.033	9.195	1.126	4.959	.705
	SE	2.473	.227	6.755	6.852	.621	.443	9.490	7.994	4.274	.105
Total Math	b	5.721	-.727	-13.865	12.299	.055	.239	7.143	1.295	3.792	.778
	SE	2.599	.239	7.100	7.202	.653	.466	9.975	8.403	4.492	.110
Language Part A	b	.653	-.136	-1.042	.840	-.026	.014	.237	.633	.909	.102
	SE	.493	.045	1.347	1.367	.124	.088	1.893	1.595	.852	.021
Language Part B	b	2.585	-.226	-4.862	4.457	.084	.063	-.488	.588	.940	.205
	SE	.932	.086	2.544	2.581	.234	.167	3.575	3.011	1.610	.040

Table F8-IIEF

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) FOR THE COVARIATES INCLUDED IN THE PRESCHOOL ADJUSTED POOLED ANALYSIS AND PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-EF CHILDREN WITH HEAD START EXPERIENCE

OUTCOME	STATISTIC	COVARIATE									
		Sex	Entry Age	Missing Income	Missing Occupation	Occupation	Income	Language[a]	Ethnicity (White vs. Other)	Ethnicity (White vs. Black)	Fall Kindergarten Pretest
Word Knowledge	b	.385	-.207	.880	-3.341	.335	-.052		3.417	-.547	.366
	SE	1.396	.153	9.471	9.702	.404	.311		6.139	3.206	.065
Spelling	b	2.181	-.202	15.056	-16.412	.449	.241		1.917	-.316	.429
	SE	1.514	.166	10.276	10.526	.438	.338		6.660	3.479	.070
Language	b	.081	-.207	4.291	-5.424	.151	-.114		-.551	.021	.247
	SE	1.013	.111	6.874	7.042	.293	.226		4.456	2.327	.047
Math Computations	b	-.545	.096	7.986	-7.914	.167	-.093		2.404	-1.046	.180
	SE	1.035	.113	7.025	7.196	.300	.231		4.553	2.378	.048
Raven's	b	-1.265	-.017	1.146	-.042	-.027	-.041		2.078	.040	.153
	SE	.758	.083	5.141	5.266	.219	.169		3.332	1.740	.350
Reading	b	.582	-.149	7.453	-8.624	.099	.037		1.135	.485	.247
	SE	.920	.101	6.241	6.392	.266	.205		4.045	2.113	.045
Math Concepts	b	-.416	-.084	.930	-2.014	.243	-.089		3.854	-1.265	.212
	SE	1.068	.117	7.248	7.424	.309	.238		4.698	2.454	.049
Math Problem Solving	b	.795	-.468	4.656	-5.308	-.015	-.221		2.985	-1.547	.168
	SE	.944	.103	6.402	6.558	.273	.210		4.150	2.167	.044
Coopersmith	b	-1.780	.933	10.356	-11.188	-.038	.236		-5.897	1.679	.205
	SE	1.284	.140	8.710	8.922	.372	.286		5.646	2.949	.059
IARS (+)	b	-.061	.818	-.530	.516	.096	-.030		-1.190	.842	.029
	SE	.496	.054	3.368	3.450	.144	.111		2.183	1.140	.023
IARS (-)	b	.036	-.571	-.463	.020	.054	.011		-.997	.553	.048
	SE	.439	.048	2.976	3.049	.127	.098		1.929	1.008	.020
Total Reading	b	.967	-.356	8.332	-11.965	.434	-.089		4.552	-.061	.613
	SE	2.117	.232	14.367	14.717	.613	.472		9.312	4.864	.098
Total Math	b	-.165	-.035	13.572	-15.237	.396	-.403		9.243	-3.858	.561
	SE	2.661	.291	18.055	18.495	.770	.594		11.703	6.112	.123
Language Part A	b	.139	-.083	.219	-.140	.089	-.002		-.273	.267	.127
	SE	.496	.054	3.367	3.449	.144	.111		2.182	1.140	.023
Language Part B	b	.053	-.133	3.990	-5.301	.058	-.134		-.125	-.342	.120
	SE	.747	.082	5.070	5.193	.216	.167		3.286	1.716	.035

[a] For this group of children there is a single value for this covariate.

Table F8-IIEF (continued)

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) FOR THE COVARIATES INCLUDED IN THE PRESCHOOL ADJUSTED POOLED ANALYSIS AND PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-EF CHILDREN WITH SOME PRESCHOOL EXPERIENCE

OUTCOME	STATISTIC	COVARIATES									
		Sex	Entry Age	Missing Income	Missing Occupation	Occupation	Income	Language	Ethnicity (White vs. Other)	Ethnicity (White vs. Black)	Fall Kindergarten Pretest
Word Knowledge	b	.187	-.172	-3.514	.050	.501	.260	1.991	-1.362	1.831	.565
	SE	1.261	.166	2.943	3.391	.315	.280	6.696	3.221	2.238	.060
Spelling	b	2.998	-.209	-5.850	2.576	.312	.281	12.785	1.683	.482	.696
	SE	1.364	.179	3.182	3.667	.341	.303	7.242	3.484	2.420	.061
Language	b	.870	-.101	-1.312	-.433	.512	.097	-1.957	-.038	.627	.450
	SE	1.177	.155	2.746	3.164	.294	.261	6.249	3.006	2.088	.056
Math Computations	b	.575	-.110	-.979	2.365	.042	.248	3.335	-1.968	-.223	.381
	SE	.929	.122	2.167	2.497	.232	.206	4.932	2.372	1.648	.044
Raven's	b	-1.520	-.057	.271	-1.816	.100	-.131	2.259	-1.866	2.545	.156
	SE	.534	.070	1.246	1.435	.133	.119	2.835	1.364	.947	.025
Reading	b	.319	-.165	-2.421	1.091	.356	.217	3.147	.815	.796	.422
	SE	1.002	.132	2.339	2.695	.251	.223	5.323	2.560	1.779	.048
Math Concepts	b	-.514	-.119	-2.200	2.267	.176	.133	-3.634	.688	.618	.430
	SE	.890	.117	2.077	2.394	.223	.198	4.727	2.274	1.579	.042
Math Problem Solving	b	.220	-.041	.457	.201	.202	.159	.816	-1.205	.889	.363
	SE	.877	.115	2.048	2.360	.219	.195	4.660	2.241	1.557	.042
Coopersmith	b	-1.473	.129	3.535	-2.818	.119	-.058	-1.056	-.762	-.527	.169
	SE	1.081	.142	2.522	2.907	.270	.240	5.740	2.761	1.918	.052
CAPS(-)	b	1.038	.104	.844	-1.734	.074	.142	.935	.036	.241	.025
	SE	.413	.054	.965	1.111	.103	.092	2.195	1.056	.733	.020
CAPS(+)	b	.635	-.071	-.220	.341	-.018	0	-.515	-.559	.740	.046
	SE	.294	.386	.685	.790	.073	.065	1.560	.750	.521	.014
Total Reading	b	.708	-.273	-5.981	1.662	.859	.415	3.772	-.825	2.830	.980
	SE	2.139	.281	4.990	5.751	.535	.475	11.357	5.463	3.795	.102
Total Math	b	.281	-.271	-2.721	4.833	.420	.539	.518	-2.486	1.285	1.173
	SE	.242	.318	5.645	6.506	.605	.537	12.847	6.180	4.293	.115
Language Part A	b	.965	-.039	-.635	.215	-.013	.117	-.537	-.899	.540	.151
	SE	.421	.055	.982	1.131	.105	.093	2.234	1.075	.747	.020
Language Part B	b	.005	-.062	-.677	-.648	.525	-.020	-1.420	.861	.087	.299
	SE	.971	.128	2.266	2.612	.243	.216	5.157	2.481	1.723	.043

Table F8-IIEF (continued)

REGRESSION COEFFICIENTS (b) AND STANDARD ERRORS (SE) FOR THE COVARIATES INCLUDED IN THE PRESCHOOL ADJUSTED POOLED ANALYSIS AND PRESCHOOL BLOCKED POOLED ANALYSIS FOR COHORT II-EF CHILDREN WITH NO PRESCHOOL EXPERIENCE

OUTCOME	STATISTIC	COVARIATE									
		Sex	Entry Age	Missing Income	Missing Occupation	Occupation	Income	Language	Ethnicity (White vs. Other)	Ethnicity (White vs. Black)	Fall Kindergarten Pretest
Word Knowledge	b	.549	-.207	5.384	-7.390	.788	.430	-7.310	-5.332	5.992	.372
	SE	2.070	.222	4.169	8.416	.603	.457	14.469	7.515	4.229	.111
Spelling	b	1.568	-.305	4.575	-8.892	1.043	.104	-1.003	-2.336	3.172	.459
	SE	2.253	.241	4.538	9.160	.656	.497	15.748	8.180	4.603	.121
Usage	b	1.457	-.095	-3.860	3.767	-.065	.208	10.769	-12.656	8.365	.265
	SE	1.816	.194	3.657	7.383	.529	.401	12.693	6.593	3.710	.097
Math Computations	b	-1.344	-.124	1.561	-4.363	.359	.191	2.729	-8.091	4.458	.129
	SE	1.608	.172	3.239	6.539	.468	.355	11.241	5.839	3.286	.086
Raven's	b	-1.722	-.744	-2.087	.286	.283	.145	6.960	-3.045	4.139	.111
	SE	.828	.089	1.667	3.364	.241	.182	5.784	3.004	1.690	.044
Reading	b	-.170	-.050	3.324	-4.971	.261	.233	6.720	-11.331	7.862	.224
	SE	1.667	.178	3.356	6.776	.485	.368	11.648	6.050	3.405	.089
Math Concepts	b	.080	-.184	-.552	-1.546	.397	.023	11.538	-7.787	5.897	.266
	SE	1.529	.164	3.079	6.216	.445	.337	10.686	5.550	3.123	.082
Math Problem Solving	b	-.173	-.116	2.687	-4.500	-.191	.273	1.805	-7.628	5.031	.161
	SE	1.427	.153	2.874	5.802	.415	.315	9.973	5.180	2.915	.076
Coopersmith	b	-.976	-.266	1.274	-1.967	.360	.288	-9.482	-10.093	5.355	.018
	SE	1.603	.172	3.227	6.515	.467	.353	11.200	5.818	3.274	.086
IARS(-)	b	1.431	-.062	-1.063	2.230	-.061	-.053	1.225	-4.809	2.790	.026
	SE	.564	.060	1.136	2.293	.164	.124	3.941	2.047	1.152	.030
IARS(+)	b	.690	-.102	.135	-1.287	-.096	.177	1.042	-1.944	1.663	.003
	SE	.498	.053	1.002	2.023	.145	.110	3.478	1.807	1.017	.027
Total Reading	b	.379	-.257	8.707	-12.362	1.050	.663	-.591	-16.664	13.853	.596
	SE	3.571	.382	7.192	14.519	1.040	.788	24.960	12.965	7.295	.191
Total Math	b	-1.437	-.424	3.696	-10.408	.565	.487	16.071	-23.505	15.385	.556
	SE	4.087	.438	8.230	16.615	1.190	.901	28.562	14.836	8.348	.219
Language Part A	b	.191	.015	-.368	-.375	.125	-.036	-.597	-2.181	1.831	.094
	SE	.642	.069	1.292	2.608	.187	.141	4.484	2.329	1.310	.034
Language Part B	b	1.267	-.111	-3.824	4.142	-.190	.244	11.366	-10.475	6.535	.171
	SE	1.383	.148	2.786	5.624	.403	.305	9.667	5.021	2.826	.074

Table F9-IIK

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES FOR COHORT II KINDERGARTEN FT CHILDREN WITH HEAD START EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	.11	-.04	.10	-.07	.16	.05	.06	.13	.03	.55	.50	.42	.47	.43	.51	.51	.47	.23	.21	.31	.56	.53	.46	.32
Family Income	.11	1.00	.00	.18	-.03	-.02	.10	.07	.02	.00	.09	.08	.10	.04	.05	.09	.11	.08	.02	.04	.08	.09	.10	.10	.08
Missing Income	-.04	.00	1.00	.01	.88	-.01	-.07	-.14	-.01	-.04	-.03	-.00	-.01	-.02	-.01	-.01	-.04	-.04	-.03	-.02	-.01	-.02	-.04	-.02	.00
Occupation	.14	.14	.00	1.00	0.00	.01	.09	.10	-.01	.02	.10	.06	.10	.06	.07	.10	.09	.08	.04	.00	.03	.10	.08	.09	.08
Missing Occupation	-.07	-.03	.88	0.00	1.00	-.00	-.07	-.13	-.00	-.08	-.08	-.03	-.03	-.04	-.03	-.04	-.07	-.07	-.03	-.05	-.04	-.07	-.06	-.04	-.02
Entry Age	.16	-.02	-.01	.01	-.00	1.00	.16	.06	-.00	-.04	.08	.03	.04	.05	.11	.07	.09	.08	.06	.02	.05	.08	.08	.08	.03
Ethnicity (White vs. Black)	.05	.10	-.07	.09	-.07	.16	1.00	.46	.07	-.19	.17	.10	.15	.10	.27	.15	.18	.17	.07	.03	.07	.17	.16	.16	.12
Ethnicity (White vs. Other)	.06	.07	-.14	.10	-.13	.06	.46	1.00	.01	.43	.12	.03	.15	.06	.09	.09	.11	.09	.01	-.03	.01	.11	.09	.15	.12
Sex	.15	.02	-.01	-.01	-.00	-.00	.02	.01	1.00	.01	.11	.19	.12	.10	-.04	.09	.08	.11	.10	.06	.11	.11	.11	.14	.09
First Language	.03	.00	-.04	.04	-.08	-.04	-.19	.43	.01	1.00	.03	-.01	.01	-.00	-.07	.07	.00	.00	-.00	-.04	.01	.03	.00	.02	.00
Word Knowledge	.55	.09	-.03	.10	-.08	.08	.17	.12	.11	.03	1.00	.81	.61	.58	.40	.80	.66	.62	.31	.28	.36	.97	.69	.64	.47
Spelling	.50	.08	-.00	.06	-.03	.03	.10	.03	.19	-.01	.81	1.00	.55	.58	.33	.69	.63	.56	.31	.29	.34	.80	.66	.61	.41
Language	.42	.10	-.01	.10	-.03	.04	.15	.15	.12	.01	.61	.55	1.00	.61	.32	.61	.63	.60	.25	.25	.29	.64	.67	.77	.93
Math Computations	.47	.04	-.02	.06	-.04	.05	.10	.06	.10	-.00	.58	.58	.61	1.00	.32	.58	.72	.70	.30	.27	.32	.61	.90	.54	.53
Raven's	.43	.09	-.01	.07	-.03	.11	.27	.09	-.04	-.07	.40	.33	.32	.32	1.00	.37	.40	.34	.24	.11	.23	.40	.39	.34	.25
Reading	.51	.09	-.01	.10	-.04	.07	.15	.09	.09	.02	.80	.69	.61	.58	.37	1.00	.65	.62	.28	.27	.32	.93	.68	.61	.49
Math Concepts	.51	.11	-.04	.09	-.07	.09	.18	.11	.08	.00	.68	.63	.63	.72	.40	.65	1.00	.80	.34	.27	.33	.71	.92	.58	.53
Math Problem Solving	.47	.05	-.04	.06	-.07	.08	.17	.09	.11	.00	.62	.56	.60	.70	.34	.62	.80	1.00	.29	.25	.28	.66	.91	.54	.52
Coopersmith	.23	.02	-.03	.04	-.03	.06	.07	.01	.10	-.00	.31	.31	.25	.30	.24	.28	.34	.29	1.00	.14	.28	.31	.34	.27	.16
IARS (-)	.21	.04	-.02	.00	-.05	.02	.03	-.03	.06	-.04	.28	.29	.25	.27	.11	.27	.27	.25	.14	1.00	.43	.29	.29	.28	.18
IARS (+)	.31	.08	-.01	.03	-.04	.05	.07	.01	.11	.01	.36	.34	.29	.32	.23	.32	.33	.28	.28	.43	1.00	.36	.34	.35	.21
Total Reading	.56	.09	-.02	.10	-.07	.08	.17	.11	.11	.03	.97	.80	.64	.61	.40	.93	.71	.66	.31	.29	.36	1.00	.72	.66	.50
Total Math	.53	.10	-.04	.08	-.06	.08	.16	.09	.11	.00	.69	.66	.67	.90	.39	.68	.92	.91	.34	.29	.34	.72	1.00	.61	.56
Language Part A	.46	.10	-.02	.09	-.04	.08	.16	.15	.14	.02	.64	.61	.77	.54	.34	.61	.58	.54	.27	.28	.35	.66	.61	1.00	.49
Language Part B	.32	.08	.00	.08	-.02	.02	.12	.12	.09	.00	.47	.41	.93	.53	.25	.49	.53	.52	.18	.18	.21	.50	.58	.49	1.00

Table F9-IIK (continued)

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES FOR COHORT II KINDERGARTEN NFT CHILDREN WITH HEAD START EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	.14	[illegible]	.16	.09	.14	.09	.01	.15	-.12	.46	.46	.43	[illegible]	.43	.45	.51	.42	.13	.27	.17	.48	.49	.40	.35
Family Income	.14	1.00	[illegible]	.25	-.04	-.03	.15	.11	.02	-.02	.17	.14	.08	.07	.13	.13	.13	.13	.06	.03	.04	.16	.12	.11	.05
Missing Income	[illegible]	[illegible]	1.00	-.01	.81	-.10	-.08	-.19	.03	-.15	-.01	.07	.04	[illegible]	-.03	.06	.01	.03	.00	.04	.00	.03	.01	.04	.03
Occupation	.16	.25	-.01	1.00	.03	-.05	.06	.09	-.02	.04	.12	.09	.05	.04	.03	.12	.09	.05	.10	.06	.05	.13	.07	.09	.02
Missing Occupation	.09	-.04	.81	.03	1.00	-.05	-.13	-.23	-.01	-.19	.01	.03	.03	-.01	-.08	.07	.02	.04	.07	-.03	.01	.04	.02	.01	.04
Entry Age	.14	-.03	-.10	-.05	-.05	1.00	.14	.05	.01	-.05	.03	-.03	-.11	.03	.08	.02	.05	.01	.09	.06	.06	.03	.03	-.06	.01
Ethnicity (White vs. Black)	.09	.15	-.08	.06	-.13	.14	1.00	.49	-.01	-.22	.10	.05	-.04	.02	.27	.06	.11	.12	-.01	.03	.03	.09	.09	.02	-.06
Ethnicity (White vs. Other)	.01	.11	-.19	.09	-.23	.05	.49	1.00	-.10	.43	.05	-.04	-.04	-.03	.07	-.01	.04	.05	-.04	.01	.04	.03	.02	.06	-.08
Sex	.15	.02	.03	-.02	-.01	.01	-.01	-.10	1.00	-.02	.09	.21	.20	.11	.05	.11	.06	.08	.15	.08	.07	.10	.09	.19	.17
First Language	-.12	-.02	-.15	.04	-.19	-.05	-.22	.43	-.02	1.00	-.03	-.11	-.01	-.06	-.15	-.09	-.07	-.07	-.09	-.04	.04	-.06	-.07	.05	-.04
Word Knowledge	.46	.17	-.01	.12	.01	.03	.10	.05	.39	-.03	1.00	.82	.68	.63	.38	.81	.73	.66	.22	.36	.33	.97	.74	.66	.56
Spelling	.46	.14	.07	.09	.03	-.03	.05	-.04	.21	-.11	.82	1.00	.60	.58	.35	.58	.66	.59	.27	.35	.27	.80	.67	.63	.47
Language	.43	.08	.04	.05	.03	-.11	-.04	-.04	.20	-.01	.68	.60	1.00	.61	.37	.70	.63	.62	.22	.35	.27	.72	.68	.75	.94
Math Computations	[illegible]	.07	[illegible]	.04	-.01	.03	.02	-.03	.11	-.09	.63	.58	.61	1.00	.42	.61	.75	.71	.23	.39	.34	.65	.90	.53	.54
Raven's	.43	.13	-.03	.03	-.05	.08	.27	.07	.05	-.15	.38	.35	.37	.42	1.00	.39	.44	.39	.18	.29	.28	.40	.46	.34	.31
Reading	.45	.13	.06	.12	.07	.02	.06	-.01	.11	-.09	.81	.69	.70	.61	.39	1.00	.69	.60	.19	.35	.32	.93	.72	.63	.60
Math Concepts	.51	.13	.01	.09	.02	.05	.11	.04	.06	-.07	.73	.66	.63	.75	.44	.69	1.00	.80	.24	.38	.35	.75	.93	.55	.54
Math Problem Solving	.42	.13	.03	.05	.04	.01	.12	.05	.03	-.07	.66	.59	.62	.71	.39	.68	.80	1.00	.20	.40	.30	.70	.91	.52	.54
Coopersmith	.13	.06	.02	.10	.07	.09	-.01	-.04	.15	-.09	.22	.27	.22	.23	.18	.19	.24	.20	1.00	.21	.29	.22	.25	.26	.15
IARS (-)	.27	.03	.04	.04	-.03	.06	.03	.01	.08	-.04	.35	.35	.35	.39	.29	.35	.38	.40	.21	1.00	.52	.37	.42	.35	.29
IARS (+)	.17	.04	.00	.00	.01	.06	.03	.04	.07	.04	.33	.27	.27	.34	.28	.32	.35	.30	.29	.52	1.00	.34	.35	.27	.22
Total Reading	.48	.15	.03	.13	.04	.03	.09	.03	.10	-.06	.97	.80	.72	.65	.40	.93	.75	.70	.22	.37	.34	1.00	.77	.68	.60
Total Math	.49	.12	.01	.07	.02	.03	.09	.02	.03	-.07	.74	.67	.68	.90	.46	.72	.93	.91	.25	.42	.36	.77	1.00	.59	.60
Language Part A	.40	.11	.04	.09	.01	-.06	.02	.06	.19	.03	.66	.63	.75	.53	.34	.63	.56	.52	.26	.35	.27	.68	.59	1.00	.48
Language Part B	.36	.05	.03	.02	.04	.01	-.06	-.08	.17	-.04	.56	.47	.94	.54	.31	.60	.54	.56	.15	.29	.22	.60	.60	.48	1.00

Table F9-IIK (continued)

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES FOR COHORT II KINDERGARTEN FT CHILDREN WITH SOME PRESCHOOL EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	.26	.01	.35	-.04	.26	.26	.30	.08	.15	.58	.51	.49	.44	.44	.54	.56	.50	.28	.19	.29	.58	.55	.47	.43
Family Income	.26	1.00	-0.00	.36	-.05	.00	.32	.25	-.05	.04	.23	.16	.24	.16	.21	.25	.27	.24	.16	.08	.10	.25	.25	.20	.23
Missing Income	.01	-0.00	1.00	.01	.83	-.02	-.10	-.10	.03	-.01	-.07	-.03	.01	.03	-.07	-.04	-.04	-.06	-.04	.08	-.00	-.06	-.02	.05	-.01
Occupation	.35	.36	.01	1.00	0.00	.02	.35	.39	-.02	.15	.31	.21	.27	.19	.26	.33	.29	.28	.13	.07	.14	.33	.28	.25	.24
Missing Occupation	-.04	-.05	.83	0.00	1.00	-.00	-.15	-.16	.03	-.03	-.10	-.07	-.01	.00	-.09	-.07	-.08	-.08	-.05	.07	-.02	-.09	-.06	.03	-.03
Entry Age	.26	.00	-.02	.02	-.00	1.00	.08	.00	-.03	-.06	.06	.02	.05	.05	.09	.04	.06	.03	.01	.02	.03	.05	.06	.06	.03
Ethnicity (White vs. Black)	.26	.32	-.10	.35	-.15	.08	1.00	.39	-.02	-.26	.27	.17	.22	.15	.35	.30	.30	.25	.15	.05	.10	.29	.26	.16	.22
Ethnicity (White vs. Other)	.30	.25	-.10	.39	-.16	.00	.39	1.00	-.02	.58	.37	.22	.31	.13	.20	.35	.30	.27	.12	.01	.13	.38	.25	.29	.26
Sex	.08	-.05	.03	-.02	.03	-.03	-.02	-.02	1.00	-.01	.08	.17	.07	.05	-.05	.07	.06	.08	.09	.11	.15	.07	.07	.06	.05
First Language	.15	.04	-.01	.15	-.03	-.06	-.26	.58	-.01	1.00	.15	.08	.12	.03	-.08	.13	.07	.08	-.01	-.03	.03	.15	.07	.13	.09
Word Knowledge	.58	.23	-.07	.31	-.10	.06	.27	.37	.08	.15	1.00	.81	.66	.55	.40	.86	.71	.66	.35	.27	.41	.97	.70	.68	.55
Spelling	.51	.16	-.03	.21	-.07	.02	.17	.22	.17	.08	.81	1.00	.57	.56	.31	.70	.65	.58	.36	.27	.36	.79	.65	.63	.46
Language	.49	.24	.01	.27	-.01	.05	.22	.31	.07	.12	.66	.57	1.00	.63	.41	.67	.70	.66	.32	.25	.33	.69	.73	.80	.95
Math Computations	.44	.16	.03	.19	.00	.05	.15	.13	.05	.03	.55	.56	.63	1.00	.37	.55	.71	.72	.35	.26	.30	.57	.89	.57	.56
Raven's	.44	.21	-.07	.26	-.09	.09	.35	.20	-.05	-.08	.40	.31	.41	.37	1.00	.41	.45	.41	.31	.17	.23	.42	.45	.39	.36
Reading	.54	.25	-.04	.33	-.07	.04	.30	.35	.07	.13	.86	.70	.67	.55	.41	1.00	.71	.68	.35	.26	.36	.95	.71	.62	.59
Math Concepts	.56	.27	-.04	.29	-.08	.06	.30	.30	.06	.07	.71	.65	.70	.71	.45	.71	1.00	.83	.35	.23	.33	.74	.93	.66	.62
Math Problem Solving	.50	.24	-.06	.28	-.08	.03	.25	.27	.08	.08	.66	.58	.66	.72	.41	.68	.83	1.00	.34	.21	.31	.69	.92	.60	.60
Coopersmith	.28	.16	-.04	.13	-.05	.01	.15	.12	.09	-.01	.35	.36	.32	.35	.31	.35	.35	.34	1.00	.21	.29	.37	.38	.37	.25
IARS (-)	.19	.08	.08	.07	.07	.02	.05	.01	.11	-.03	.27	.27	.25	.26	.17	.26	.23	.21	.21	1.00	.52	.27	.26	.29	.19
IARS (+)	.29	.10	-.00	.14	-.02	.03	.10	.13	.15	.03	.41	.36	.33	.30	.23	.36	.33	.31	.29	.52	1.00	.40	.34	.38	.25
Total Reading	.58	.25	-.06	.33	-.09	.05	.29	.38	.07	.15	.97	.79	.69	.57	.42	.95	.74	.69	.37	.27	.40	1.00	.73	.68	.59
Total Math	.55	.25	-.02	.28	-.06	.06	.26	.25	.07	.07	.70	.65	.73	.89	.45	.71	.93	.92	.38	.26	.34	.73	1.00	.67	.65
Language Part A	.47	.20	.05	.25	.03	.06	.16	.29	.06	.13	.68	.63	.80	.57	.39	.62	.66	.60	.37	.29	.38	.68	.67	1.00	.58
Language Part B	.43	.23	-.01	.24	-.03	.03	.22	.26	.05	.09	.55	.46	.95	.56	.36	.59	.62	.60	.25	.19	.25	.59	.65	.58	1.00

Table F9-IIK (continued)

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES FOR COHORT II KINDERGARTEN NFT CHILDREN WITH SOME PRESCHOOL EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	.25	.10	.34	.03	.15	.36	.16	-.01	-.03	.60	.51	.51	.54	.44	.61	.58	.59	.22	.24	.30	.62	.62	.46	.45
Family Income	.25	1.00	.00	.34	-.04	.05	.35	.25	-.10	.09	.30	.18	.30	.22	.26	.30	.29	.30	.19	.02	.09	.31	.29	.27	.27
Missing Income	.10	.00	1.00	-.02	.04	-.05	-.10	-.25	.06	-.22	-.03	.03	-.02	.14	-.01	-.00	.01	.01	-.08	.01	-.01	-.02	.05	-.02	-.02
Occupation	.34	.34	-.02	1.00	-.00	-.01	.36	.33	-.02	.13	.32	.19	.32	.24	.25	.36	.32	.31	.17	.02	.06	.35	.32	.25	.30
Missing Occupation	.03	-.14	.04	-.04	1.00	-.08	-.15	-.25	.05	-.21	-.01	.05	-.03	.15	-.02	-.01	.02	.01	-.10	.03	-.03	-.01	.07	-.00	-.03
Entry Age	.15	.05	-.05	-.01	-.04	1.00	.12	.06	-.00	-.01	.03	.00	.04	.08	.08	.05	.05	.07	.04	.01	.03	.04	.07	.01	.05
Ethnicity (White vs. Black)	.36	.35	-.10	.36	-.15	.12	1.00	.57	-.00	-.13	.34	.19	.39	.24	.46	.36	.41	.37	.22	-.04	.07	.36	.37	.26	.38
Ethnicity (White vs. Other)	.15	.25	-.25	.33	-.25	.06	.57	1.00	.01	.53	.18	.09	.25	.04	.19	.20	.19	.19	.14	-.04	-.03	.20	.15	.24	.21
Sex	-.01	-.10	.06	-.02	.05	-.00	-.00	.01	1.00	.06	.01	.12	.01	.00	-.16	.00	-.04	-.02	.08	.00	-.02	.01	-.02	-.00	.01
First Language	-.03	.09	-.22	.13	-.21	-.01	-.13	.53	.06	1.00	-.02	-.05	.00	-.14	-.12	-.04	-.08	-.08	-.01	-.01	-.08	-.03	-.11	.04	-.02
Word Knowledge	.60	.30	-.03	.32	-.01	.03	.34	.18	.01	-.02	1.00	.60	.68	.61	.46	.87	.73	.70	.35	.33	.33	.97	.74	.69	.57
Spelling	.51	.18	.03	.19	.05	.00	.19	.09	.12	-.05	.60	1.00	.60	.59	.36	.69	.66	.64	.27	.32	.28	.78	.68	.63	.66
Language	.51	.30	-.02	.32	-.03	.04	.39	.25	.01	.00	.68	.60	1.00	.61	.49	.70	.72	.73	.31	.24	.33	.71	.74	.75	.55
Math Computations	.54	.22	.14	.24	.15	.08	.24	.04	.00	-.14	.61	.59	.61	1.00	.44	.60	.72	.73	.32	.22	.28	.63	.89	.53	.55
Raven's	.44	.26	-.01	.25	-.02	.08	.46	.19	-.16	-.12	.46	.36	.49	.44	1.00	.48	.51	.53	.25	.14	.23	.49	.54	.41	.45
Reading	.61	.30	-.00	.36	-.01	.05	.36	.20	.00	-.04	.87	.69	.70	.60	.48	1.00	.74	.74	.34	.28	.32	.96	.75	.64	.61
Math Concepts	.58	.29	.01	.32	.02	.05	.41	.19	-.04	-.08	.73	.66	.72	.72	.51	.74	1.00	.88	.39	.27	.32	.76	.94	.64	.63
Math Problem Solving	.59	.30	.01	.31	.01	.07	.37	.19	-.02	-.08	.70	.64	.73	.73	.53	.74	.88	1.00	.37	.26	.29	.74	.94	.61	.67
Coopersmith	.22	.19	-.08	.17	-.10	.04	.22	.14	.08	-.01	.35	.27	.31	.32	.25	.34	.39	.37	1.00	.13	.25	.36	.39	.28	.30
IARS (-)	.24	.02	.01	.02	.03	.01	-.04	-.04	.00	-.01	.33	.32	.24	.22	.14	.28	.27	.26	.13	1.00	.46	.32	.27	.32	.16
IARS (+)	.30	.09	-.01	.06	-.03	.03	.07	-.03	-.02	-.08	.33	.28	.33	.28	.23	.32	.32	.29	.25	.46	1.00	.34	.32	.38	.25
Total Reading	.62	.31	-.02	.35	-.01	.04	.36	.20	.01	-.03	.97	.78	.71	.63	.49	.96	.76	.74	.36	.37	.34	1.00	.77	.69	.61
Total Math	.62	.29	.05	.32	.07	.07	.37	.15	-.02	-.11	.74	.68	.74	.89	.54	.75	.94	.94	.39	.27	.32	.77	1.00	.64	.67
Language Part A	.46	.27	-.02	.25	-.00	.01	.23	.24	-.00	.04	.69	.63	.75	.53	.41	.64	.64	.61	.28	.32	.38	.69	.64	1.00	.51
Language Part B	.45	.27	-.02	.30	-.03	.05	.38	.21	.01	-.02	.57	.66	.55	.55	.45	.61	.63	.67	.28	.16	.25	.61	.67	.51	1.00

Table F9-IIK (continued)

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES
FOR COHORT II KINDERGARTEN FT CHILDREN
WITH NO PRESCHOOL EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	.29	.02	.32	-.03	.23	.28	.30	.05	.14	.54	.46	.54	.48	.47	.52	.57	.53	.26	.17	.21	.55	.57	.49	.48
Family Income	.29	1.00	-1.00	.36	-.11	.12	.39	.32	-.02	.03	.35	.25	.31	.24	.27	.30	.35	.31	.09	.14	.13	.35	.33	.27	.29
Missing Income	.02	-1.00	1.00	.01	.43	-.05	-.11	-.03	.02	.09	.03	-.01	-.01	-.04	-.01	.03	.02	.00	-.04	-.00	-.01	.03	-.00	-.00	-.01
Occupation	.32	.34	.01	1.00	-.97	.13	.34	.33	.03	.05	.32	.22	.32	.22	.32	.35	.33	.32	.11	.13	.14	.34	.32	.28	.29
Missing Occupation	-.03	-.11	.43	-.97	1.00	.06	-.07	-.07	-.00	-.02	-.03	-.06	-.03	.00	.03	-.02	-.01	-.03	-.02	.01	.00	-.03	-.01	-.06	-.01
Entry Age	.23	.12	-.05	.13	.06	1.00	.28	.09	-.02	-.12	.14	.11	.12	.14	.20	.13	.19	.18	.05	.04	.07	.14	.19	.15	.08
Ethnicity (White vs. Black)	.28	.39	-.11	.34	-.07	.28	1.00	.04	.01	-.16	.27	.13	.32	.15	.40	.24	.30	.28	.11	.08	.14	.27	.27	.26	.31
Ethnicity (White vs. Other)	.30	.32	-.03	.33	-.07	.09	.04	1.00	.03	.30	.29	.16	.32	.16	.26	.23	.25	.24	.14	.05	.15	.27	.24	.31	.27
Sex	.05	-.02	.02	.03	-.00	-.02	.01	.03	1.00	-.04	.09	.20	.14	.10	-.11	.12	.10	.14	.03	.01	.12	.11	.12	.17	.10
First Language	.14	.03	.09	.05	-.02	-.12	-.16	.35	-.04	1.00	.13	.06	.06	.04	-.03	.05	.04	.03	.06	.04	.04	.11	.05	.06	.04
Word Knowledge	.54	.35	.03	.32	-.03	.14	.27	.29	.09	.13	1.00	.79	.70	.61	.38	.84	.73	.69	.30	.30	.32	.97	.74	.69	.59
Spelling	.46	.25	-.01	.22	-.06	.11	.13	.16	.20	.06	.79	1.00	.61	.58	.28	.68	.65	.61	.32	.28	.29	.77	.67	.63	.51
Language	.54	.31	-.01	.32	-.03	.12	.32	.32	.14	.06	.70	.61	1.00	.65	.43	.70	.69	.70	.31	.22	.29	.73	.74	.80	.95
Math Computations	.48	.24	-.04	.22	.00	.14	.15	.16	.10	.04	.61	.58	.65	1.00	.33	.59	.73	.69	.31	.28	.28	.62	.88	.56	.59
Raven's	.47	.27	-.01	.32	.03	.20	.40	.20	-.11	-.03	.38	.28	.43	.33	1.00	.36	.44	.42	.18	.07	.15	.39	.43	.37	.39
Reading	.52	.30	.03	.35	-.02	.13	.24	.23	.12	.05	.84	.68	.70	.59	.36	1.00	.71	.70	.28	.28	.30	.94	.73	.67	.60
Math Concepts	.57	.35	.02	.33	-.01	.19	.30	.25	.10	.04	.73	.65	.69	.73	.44	.71	1.00	.86	.30	.26	.29	.75	.94	.64	.61
Math Problem Solving	.53	.31	.00	.32	-.03	.18	.28	.24	.14	.03	.69	.61	.70	.69	.42	.70	.86	1.00	.30	.25	.30	.72	.92	.60	.64
Coopersmith	.26	.09	-.04	.11	-.02	.05	.11	.14	.03	.06	.30	.32	.31	.31	.18	.28	.30	.30	1.00	.14	.33	.30	.33	.33	.25
IARS (-)	.17	.14	-.00	.13	.01	.08	.06	.05	.01	.04	.30	.28	.22	.24	.07	.28	.26	.25	.14	1.00	.45	.30	.29	.24	.17
IARS (+)	.21	.13	-.01	.14	.00	.07	.14	.15	.12	.04	.32	.29	.29	.28	.16	.30	.29	.30	.33	.45	1.00	.32	.32	.33	.22
Total Reading	.55	.35	.03	.34	-.03	.14	.27	.27	.11	.11	.97	.77	.73	.62	.39	.94	.75	.72	.30	.30	.32	1.00	.76	.71	.62
Total Math	.57	.33	-.00	.35	-.01	.19	.27	.24	.12	.05	.74	.67	.74	.88	.43	.73	.94	.92	.33	.29	.32	.76	1.00	.66	.67
Language Part A	.49	.27	-.00	.28	-.06	.15	.26	.31	.17	.08	.69	.63	.80	.56	.37	.67	.64	.60	.33	.24	.33	.71	.66	1.00	.56
Language Part B	.48	.29	-.01	.29	-.01	.08	.31	.27	.10	.04	.59	.51	.95	.59	.39	.60	.61	.64	.25	.17	.22	.62	.67	.56	1.00

Table F9-IIK (continued)

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES FOR COHORT II KINDERGARTEN NFT CHILDREN WITH NO PRESCHOOL EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	.24	-.01	.23	-.01	.31	.27	.20	.10	.05	.54	.49	.50	.48	.46	.51	.49	.45	.23	.20	.22	.55	.52	.47	.44
Family Income	.24	1.00	0.00	.41	-.07	.05	.40	.35	-.03	.02	.29	.21	.33	.23	.24	.30	.25	.24	.12	.15	.18	.30	.26	.29	.29
Missing Income	-.01	0.00	1.00	.05	.33	-.04	-.07	-.04	-.05	.03	.02	.02	.07	.06	.06	.01	.04	.05	.03	.02	-.02	.02	.06	.04	.08
Occupation	.23	.41	.05	1.00	0.00	.12	.34	.33	-.06	.12	.26	.19	.26	.27	.29	.25	.29	.23	.14	.12	.18	.26	.29	.24	.26
Missing Occupation	-.01	-.07	.33	0.00	1.00	.01	-.14	-.11	-.02	.03	-.06	-.01	-.05	-.02	-.02	-.04	.00	-.02	.04	-.02	-.06	-.05	-.01	-.03	-.03
Entry Age	.31	.05	-.04	.12	.01	1.00	.09	.04	-.03	-.04	.09	.04	.08	.14	.09	.09	.10	.09	.11	.04	.04	.10	.12	.06	.08
Ethnicity (White vs. Black)	.27	.40	-.07	.34	-.14	.09	1.00	.79	-.00	-.05	.39	.28	.35	.26	.40	.41	.39	.34	.11	.14	.19	.42	.37	.35	.30
Ethnicity (White vs. Other)	.20	.35	-.04	.33	-.11	.04	.79	1.00	-.01	.22	.34	.24	.33	.23	.24	.34	.30	.28	.06	.10	.12	.36	.29	.31	.28
Sex	.10	-.03	-.05	-.06	-.02	-.03	-.00	-.01	1.00	-.02	.01	.08	.03	-.02	-.07	.04	-.06	-.04	.06	-.03	.07	.02	-.04	.07	.00
First Language	.05	.02	.03	.12	.03	-.04	-.05	.22	-.02	1.00	.07	.03	.06	.05	-.02	.04	.02	.04	-.01	-.00	-.00	.06	.04	.05	.05
Word Knowledge	.54	.29	.02	.26	-.05	.09	.39	.34	.01	.07	1.00	.82	.67	.61	.46	.84	.69	.64	.27	.28	.34	.97	.70	.69	.56
Spelling	.49	.21	.02	.19	-.01	.04	.21	.24	.08	.03	.82	1.00	.61	.61	.38	.72	.63	.58	.25	.29	.31	.61	.66	.65	.49
Language	.50	.33	.07	.25	-.05	.08	.35	.33	.03	.05	.67	.61	1.00	.60	.43	.69	.66	.65	.29	.25	.30	.71	.71	.78	.95
Math Computations	.48	.23	.05	.27	-.02	.14	.28	.23	-.02	.05	.61	.61	.60	1.00	.45	.61	.74	.72	.29	.27	.35	.63	.89	.61	.58
Raven's	.46	.24	.06	.29	-.02	.09	.40	.24	-.07	-.02	.46	.38	.43	.45	1.00	.46	.31	.44	.15	.16	.27	.48	.51	.44	.35
Reading	.51	.30	.01	.25	-.04	.09	.41	.34	.04	.04	.84	.72	.69	.61	.46	1.00	.71	.69	.25	.29	.31	.95	.73	.68	.58
Math Concepts	.49	.25	.04	.29	.00	.10	.39	.30	-.06	.02	.69	.63	.66	.74	.51	.71	1.00	.84	.28	.28	.30	.72	.94	.62	.57
Math Problem Solving	.45	.24	.05	.23	-.02	.09	.34	.28	-.04	.04	.64	.58	.65	.72	.44	.69	.84	1.00	.25	.23	.25	.69	.92	.60	.57
Coopersmith	.23	.12	.03	.14	.04	.11	.11	.06	.06	-.01	.27	.25	.29	.29	.15	.25	.28	.25	1.00	.10	.25	.27	.30	.28	.24
IARS (-)	.20	.15	.02	.12	-.02	.04	.14	.10	-.03	-.00	.28	.29	.25	.27	.16	.29	.28	.23	.10	1.00	.36	.29	.28	.28	.20
IARS (+)	.22	.14	-.02	.15	-.06	.04	.19	.12	.07	-.00	.34	.31	.30	.35	.27	.31	.30	.25	.25	.36	1.00	.34	.33	.36	.22
Total Reading	.55	.30	.02	.26	-.05	.10	.42	.36	.02	.06	.97	.81	.71	.63	.48	.95	.72	.69	.27	.29	.34	1.00	.74	.72	.59
Total Math	.52	.26	.06	.29	-.01	.12	.37	.29	-.04	.04	.70	.66	.71	.89	.51	.73	.94	.92	.30	.28	.33	.74	1.00	.67	.62
Language Part A	.47	.29	.04	.24	-.03	.06	.35	.31	.07	.05	.69	.65	.78	.61	.44	.68	.62	.60	.28	.28	.36	.72	.67	1.00	.55
Language Part B	.44	.29	.08	.26	-.03	.08	.30	.28	.00	.05	.56	.49	.95	.58	.35	.58	.57	.57	.24	.20	.22	.59	.62	.55	1.00

Table F9-IIIEF

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES FOR COHORT III ENTERING-FIRST FT CHILDREN WITH HEAD START EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	.13	-.17	[illegible]	-.17	.21	.10	.15	.12	-.10	.57	.59	.47	.54	.46	.48	.56	.51	.24	.26	.35	.56	.58	.47	.60
Family Income	.13	1.00	.00	.28	-.33	-.15	.20	.17	-.02	-.04	.13	.13	.08	.12	.14	.10	.12	.12	.08	.03	.08	.13	.13	.08	.07
Missing Income	-.17	.00	1.00	.00	.95	-.01	-.02	-.01	-.10	.03	-.15	-.14	-.15	-.19	-.01	-.15	-.15	-.15	-.02	-.05	-.03	-.16	-.18	-.11	-.19
Occupation	[illegible]	.28	.00	1.00	[illegible]	-.09	.13	.12	-.00	-.00	.13	.14	.13	.09	.12	.10	.11	.10	.06	.05	.09	.15	.11	.10	.12
Missing Occupation	-.17	-.33	.95	[illegible]	1.00	-.02	.01	.02	-.09	.03	-.10	-.13	-.17	-.19	.01	-.16	-.15	-.15	.01	-.04	-.01	-.17	-.18	-.10	-.12
Entry Age	.21	-.15	-.01	-.09	-.02	1.00	-.02	-.08	.04	-.15	.02	.03	.04	.05	.11	.06	.10	.08	.06	.03	.06	.04	.09	.04	.04
Ethnicity (White vs. Black)	.10	.20	-.02	.13	.01	-.02	1.00	.93	-.33	-.24	.17	.10	.01	.01	.33	.09	.11	.12	.06	.01	.00	.15	.09	.08	-.03
Ethnicity (White vs. Other)	.15	.17	-.01	.12	.02	-.08	.93	1.00	-.05	.27	.16	.07	.02	.00	.29	.08	.09	.10	-.02	-.01	-.00	.14	.07	.08	-.02
Sex	.12	-.02	-.10	-.00	-.09	.04	-.03	-.05	1.00	-.06	.12	.18	.04	.09	-.06	.05	.10	.13	.13	-.03	.03	.10	.12	.06	.03
First Language	-.10	-.04	.03	-.00	.03	-.15	-.24	.27	-.06	1.00	.01	-.09	.03	-.02	-.02	-.05	-.05	-.06	-.03	-.04	-.02	-.01	-.05	.01	.03
Word Knowledge	.57	.13	-.15	.13	-.10	.02	.17	.15	.12	.01	1.00	.63	.67	.62	.35	.77	.75	.70	.21	.32	.33	.96	.74	.67	.58
Spelling	.59	.13	-.14	.14	-.13	.03	.10	.07	.18	-.09	.63	1.00	.61	.64	.33	.69	.72	.67	.25	.35	.33	.82	.73	.62	.52
Language	.47	.08	-.15	.13	-.17	.04	.01	.02	.04	.03	.67	.61	1.00	.68	.32	.67	.73	.70	.20	.25	.35	.71	.76	.82	.95
Math Computations	.54	.12	-.19	.09	-.19	.05	.01	.00	.09	-.02	.62	.64	.68	1.00	.34	.60	.79	.75	.32	.33	.39	.65	.92	.61	.62
Raven's	.46	.14	-.01	.12	.01	.11	.33	.29	-.06	-.02	.35	.33	.32	.34	1.00	.33	.44	.38	.22	.18	.27	.36	.42	.33	.26
Reading	.48	.10	-.15	.16	-.16	.06	.09	.08	.05	-.05	.77	.69	.67	.60	.33	1.00	.72	.68	.19	.29	.34	.91	.72	.64	.60
Math Concepts	.56	.12	-.15	.11	-.15	.10	.11	.09	.10	-.05	.75	.72	.73	.79	.44	.72	1.00	.83	.26	.37	.37	.78	.94	.69	.65
Math Problem Solving	.51	.12	-.15	.10	-.15	.08	.12	.10	.13	-.06	.75	.67	.70	.75	.38	.68	.83	1.00	.27	.32	.33	.73	.92	.64	.63
Coopersmith	.24	.08	-.02	.06	.01	.06	.06	-.02	.13	-.03	.21	.25	.20	.32	.22	.19	.26	.27	1.00	.14	.29	.22	.30	.22	.16
IARS (-)	.26	.03	-.05	.05	-.04	.03	.01	-.01	-.03	-.04	.32	.35	.26	.33	.18	.29	.37	.32	.14	1.00	.29	.33	.36	.31	.23
IARS (+)	.35	.08	-.03	.09	-.01	.06	.00	-.00	.03	-.02	.33	.33	.35	.39	.27	.34	.37	.33	.29	.29	1.00	.35	.40	.40	.27
Total Reading	.56	.13	-.16	.15	-.17	.04	.15	.14	.10	-.01	.96	.82	.71	.65	.36	.91	.78	.73	.22	.33	.35	1.00	.78	.70	.62
Total Math	.58	.13	-.18	.11	-.18	.09	.09	.07	.12	-.05	.74	.73	.76	.92	.42	.72	.94	.92	.30	.36	.40	.78	1.00	.70	.68
Language Part A	.47	.08	-.11	.10	-.10	.04	.08	.08	.06	.01	.67	.62	.82	.61	.33	.64	.69	.64	.22	.31	.40	.70	.70	1.00	.60
Language Part B	.60	.07	-.19	.12	-.18	.04	-.03	-.02	.03	.03	.58	.52	.95	.62	.26	.60	.65	.63	.16	.23	.27	.62	.68	.60	1.00

Table F9-IIIEF (continued)

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES FOR COHORT III ENTERING-FIRST NFT CHILDREN WITH HEAD START EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	.10	.06	.13	.02	.22	.03	.03	.23	0.00	.42	.45	.43	.46	.24	.38	.44	.44	.32	.26	.40	.43	.47	.40	.36
Family Income	.10	1.00	.00	.23	-.07	-.07	.02	.02	.05	0.00	.19	.14	.13	.17	.17	.17	.21	.15	-.06	.15	.10	.19	.19	.18	.07
Missing Income	.06	0.00	1.00	-.01	.80	.03	.15	.15	-.17	0.00	.07	.04	.07	.06	.15	.07	.16	.11	.03	.09	.09	.07	.12	.07	.06
Occupation	.13	.23	-.01	1.00	-0.00	-.16	.15	.15	.05	0.00	.27	.21	.24	.26	.18	.30	.24	.18	-.02	.13	.17	.30	.23	.22	.20
Missing Occupation	.02	-.07	.80	-0.00	1.00	-.02	.23	.23	-.14	0.00	.00	-.03	.00	.01	.06	-.01	.12	.04	-.06	.07	.04	-.00	.06	.02	-.01
Entry Age	.22	-.07	.03	-.16	-.02	1.00	-.02	-.02	.01	0.00	-.14	-.09	-.03	.06	-.02	-.14	-.06	-.04	.14	-.15	-.01	-.15	-.02	-.08	.01
Ethnicity (White vs. Black)	.03	.02	.15	.15	.23	-.02	1.00	1.00	.12	0.00	.29	.15	.23	.26	.21	.23	.25	.31	.08	.17	.18	.28	.30	.22	.19
Ethnicity (White vs. Other)	.03	.02	.15	.15	.23	-.02	1.00	1.00	.12	0.00	.29	.15	.23	.26	.21	.23	.25	.31	.08	.17	.18	.28	.30	.22	.19
Sex	.23	.05	-.17	.05	-.14	.01	.12	.12	1.00	0.00	.12	.19	.06	.10	-.21	.03	.02	.10	.12	.05	.02	.09	.08	.14	.00
First Language	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Word Knowledge	.42	.19	.07	.27	.00	-.14	.29	.29	.12	0.00	1.00	.64	.70	.61	.29	.82	.72	.72	.32	.41	.45	.97	.75	.67	.58
Spelling	.45	.14	.04	.21	-.03	-.09	.15	.15	.19	0.00	.64	1.00	.66	.63	.24	.69	.67	.68	.36	.32	.43	.81	.72	.63	.55
Language	.43	.13	.07	.24	.00	-.03	.23	.23	.06	0.00	.70	.66	1.00	.61	.30	.70	.65	.66	.36	.41	.43	.73	.70	.80	.93
Math Computations	.46	.17	.06	.26	.01	.06	.26	.26	.10	0.00	.61	.63	.61	1.00	.35	.62	.74	.73	.40	.35	.35	.64	.90	.51	.54
Raven's	.24	.17	.15	.18	.06	-.02	.21	.21	-.21	0.00	.24	.24	.30	.36	1.00	.36	.40	.33	.14	.19	.23	.33	.40	.40	.31
Reading	.38	.17	.07	.30	-.01	-.14	.23	.23	.03	0.00	.82	.69	.70	.62	.36	1.00	.69	.65	.28	.43	.46	.94	.72	.63	.61
Math Concepts	.44	.21	.16	.24	.12	-.06	.25	.25	.02	0.00	.72	.67	.65	.74	.40	.69	1.00	.78	.36	.40	.39	.74	.92	.55	.59
Math Problem Solving	.44	.15	.11	.18	.04	-.04	.31	.31	.10	0.00	.72	.66	.66	.73	.33	.65	.78	1.00	.33	.31	.32	.72	.91	.57	.58
Coopersmith	.32	-.06	.03	-.02	-.06	.14	.08	.08	.12	0.00	.32	.36	.36	.40	.14	.28	.36	.33	1.00	.23	.38	.31	.40	.34	.30
IARS (-)	.26	.15	.09	.13	.07	-.15	.17	.17	.05	0.00	.41	.32	.41	.35	.19	.43	.40	.31	.23	1.00	.45	.44	.39	.35	.37
IARS (+)	.40	.10	.09	.17	.04	-.01	.18	.18	.02	0.00	.46	.43	.43	.35	.23	.46	.39	.32	.38	.45	1.00	.49	.39	.43	.35
Total Reading	.43	.19	.07	.30	-.00	-.15	.28	.28	.09	0.00	.97	.81	.73	.64	.33	.94	.74	.72	.31	.44	.49	1.00	.77	.66	.62
Total Math	.47	.19	.12	.23	.06	-.02	.30	.30	.08	0.00	.75	.72	.70	.90	.40	.72	.92	.91	.40	.39	.39	.77	1.00	.54	.63
Language Part A	.40	.18	.07	.22	.02	-.08	.22	.22	.14	0.00	.67	.63	.80	.51	.40	.63	.55	.57	.34	.35	.43	.66	.59	1.00	.52
Language Part B	.36	.07	.06	.20	-.01	.01	.19	.19	.00	0.00	.58	.55	.93	.54	.31	.61	.59	.58	.30	.37	.35	.62	.63	.52	1.00

Table F9-IIIEF (continued)

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES FOR COHORT III ENTERING-FIRST FT CHILDREN WITH SOME PRESCHOOL EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	.25	.01	.23	-.03	.15	.29	.25	.14	.08	.57	.55	.47	.49	.49	.54	.54	.52	.28	.23	.33	.58	.55	.44	.42
Family Income	.25	1.00	.00	.32	-.34	-.02	.23	.20	-.05	.01	.21	.14	.17	.17	.28	.24	.22	.22	.10	.08	.11	.23	.21	.16	.16
Missing Income	.01	[illegible]	1.00	[illegible]	.93	.13	-.07	-.16	-.04	-.14	-.04	-.03	.00	.06	-.02	-.02	.01	.03	-.04	-.06	.02	-.04	.03	-.02	.01
Occupation	.23	.32	.02	1.00	[illegible]	.03	.14	.17	-.01	.12	.21	.18	.17	.16	.24	.23	.21	.21	.07	.08	.13	.23	.21	.13	.16
Missing Occupation	[illegible]	[illegible]	.93	[illegible]	1.00	.15	-.05	-.15	-.05	-.14	-.03	-.07	-.04	.03	-.03	-.06	-.02	-.00	-.08	-.05	.02	-.08	.00	-.04	-.03
Entry Age	.15	[illegible]	.13	.03	.15	1.00	.01	-.07	-.06	-.09	-.04	-.07	-.01	.04	.01	.01	.04	.04	-.00	.04	.04	-.02	.04	-.00	-.01
Ethnicity (White vs. Black)	.29	.23	-.07	.19	-.33	.01	1.00	.82	.04	.11	.35	.32	.14	.19	.33	.32	.29	.29	.14	.03	.08	.35	.27	.15	.12
Ethnicity (White vs. Other)	.25	.20	-.15	.17	-.15	[illegible]	.82	[illegible]	.02	.40	.36	.33	.21	.23	.32	.29	.31	.29	.12	.02	.09	.35	.30	.21	.19
Sex	.14	-.05	-.04	-.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.01	.15	.23	.15	.11	-.06	.13	.10	.08	.07	.01	.05	.15	.10	.13	.16
First Language	.08	.01	-.14	.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	.14	.15	.10	.16	.02	.09	.16	.13	.01	.04	.07	.13	.16	.17	.13
Word Knowledge	.57	.21	-.04	.21	[illegible]	[illegible]	.35	[illegible]	[illegible]	.14	1.00	.84	.72	.64	.40	.84	.74	.72	.33	.33	.33	.97	.75	.67	.64
Spelling	.55	.14	-.03	.16	-.37	[illegible]	[illegible]	[illegible]	[illegible]	.15	.84	1.00	.65	.65	.42	.73	.70	.66	.33	.32	.32	.83	.72	.64	.57
Language	.47	.17	.00	.17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.72	.65	1.00	.75	.41	.74	.76	.75	.30	.36	.35	.75	.80	.81	.76
Math Computations	.49	.17	.05	.18	[illegible]	[illegible]	[illegible]	.23	.16	.16	.64	.65	.75	1.00	.46	.63	.82	.77	.34	.32	.35	.66	.92	.67	.59
Raven's	.49	.28	-.02	.24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.49	.42	.41	.46	1.00	.49	.52	.50	.31	.19	.28	.51	.53	.42	[illegible]
Reading	.54	.24	-.06	.23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.84	.73	.74	.63	.49	1.00	.74	.73	.34	.32	.32	.94	.75	.65	.67
Math Concepts	.54	.22	.01	.21	-.02	.04	.29	.31	.10	.16	.74	.70	.70	.82	.52	.74	1.00	.85	.33	.32	.34	.77	.95	.67	[illegible]
Math Problem Solving	.52	.22	.03	.21	-.00	.24	.29	.29	.08	.13	.72	.66	.75	.77	.50	.73	.85	1.00	.30	.32	.34	.76	.93	.64	.65
Coopersmith	.28	.10	-.04	.07	-.08	-.00	.14	.12	.07	.01	.33	.33	.30	.34	.31	.34	.33	.30	1.00	.15	.32	.35	.35	.33	.25
IARS (-)	.23	.08	-.00	.08	-.05	.04	.03	.02	.01	.04	.33	.32	.36	.32	.19	.32	.32	.32	.15	1.00	.32	.34	.34	.33	.32
IARS (+)	.33	.11	.02	.13	.02	.04	.08	.09	.05	.07	.33	.32	.35	.35	.28	.32	.34	.34	.32	.32	1.00	.34	.37	.38	.29
Total Reading	.58	.23	-.04	.23	-.08	-.02	.35	.35	.15	.13	.97	.83	.75	.66	.51	.94	.77	.76	.35	.34	.34	1.00	.78	.70	.68
Total Math	.55	.21	.03	.21	.00	.04	.27	.30	.10	.16	.75	.72	.80	.92	.53	.75	.95	.93	.35	.34	.37	.78	1.00	.71	.74
Language Part A	.44	.16	-.02	.13	-.04	-.00	.15	.21	.13	.17	.67	.64	.61	.67	.42	.66	.67	.64	.33	.33	.38	.70	.71	1.00	.60
Language Part B	.42	.15	.01	.16	-.03	-.01	.12	.14	.14	.13	.64	.57	.96	.66	.35	.67	.69	.69	.25	.32	.29	.68	.74	.60	1.00

Table F9-IIIEF (continued)

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES FOR COHORT III ENTERING-FIRST NFT CHILDREN WITH SOME PRESCHOOL EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	.24	-.04	.22	-.12	.18	.25	.23	.11	.05	.58	.55	.54	.46	.40	.54	.57	.52	.27	.19	.27	.58	.56	.49	.56
Family Income	.24	1.00	.00	.32	-.02	-.11	.27	.24	-.03	.06	.29	.24	.20	.25	.24	.29	.29	.27	.18	.14	.23	.30	.29	.27	.25
Missing Income	-.04	.00	1.00	-.06	.95	.18	-.24	-.29	.01	-.10	-.14	-.06	-.21	-.11	-.09	-.13	-.16	-.10	.08	-.02	.07	-.14	-.15	-.16	-.21
Occupation	.22	.32	-.06	1.00	.01	-.10	.21	.19	.03	.05	.30	.25	.33	.25	.20	.29	.28	.27	.17	.04	.19	.30	.28	.29	.31
Missing Occupation	-.12	-.02	.95	.01	1.00	.21	-.25	-.30	-.01	-.10	-.15	-.07	-.21	-.12	-.13	-.13	-.16	-.17	.08	-.02	.06	-.15	-.16	-.17	-.20
Entry Age	.18	-.11	.18	-.10	.21	1.00	-.15	-.14	-.05	-.01	-.13	-.10	-.09	-.07	-.03	-.07	-.08	-.05	-.01	-.04	-.31	-.11	-.07	-.11	-.05
Ethnicity (White vs. Black)	.25	.27	-.24	.21	-.25	-.15	1.00	.53	.01	.04	.46	.32	.40	.31	.39	.41	.45	.39	.21	.22	.22	.45	.42	.44	.33
Ethnicity (White vs. Other)	.23	.24	-.29	.19	-.30	-.14	.53	1.00	-.02	.34	.35	.23	.36	.25	.25	.33	.37	.32	.14	.23	.15	.37	.34	.40	.29
Sex	.11	-.03	.01	.03	-.01	-.05	.01	-.02	1.00	-.04	.09	.17	.14	.11	-.08	.07	.07	.06	.06	-.03	.07	.08	.09	.10	.11
First Language	.05	.06	-.10	.05	-.10	-.01	.04	.34	-.04	1.00	.08	.05	.06	-.01	-.04	.09	.04	.07	-.01	.05	-.03	.09	.03	.09	.04
Word Knowledge	.58	.29	-.14	.30	-.15	-.13	.46	.35	.09	.08	1.00	.65	.75	.63	.49	.88	.79	.75	.29	.31	.34	.98	.78	.74	.58
Spelling	.55	.24	-.06	.25	-.07	-.10	.32	.23	.17	.05	.65	1.00	.66	.65	.41	.77	.73	.71	.29	.27	.35	.84	.75	.65	.58
Language	.54	.20	-.21	.33	-.21	-.09	.40	.36	.14	.06	.75	.66	1.00	.65	.49	.78	.76	.75	.33	.25	.36	.79	.78	.82	.96
Math Computations	.46	.25	-.11	.25	-.12	-.07	.31	.25	.11	-.01	.63	.65	.65	1.00	.44	.67	.76	.78	.33	.19	.35	.67	.91	.59	.59
Raven's	.40	.24	-.09	.20	-.13	-.03	.39	.25	-.08	-.04	.49	.41	.49	.44	1.00	.52	.54	.49	.22	.16	.23	.52	.53	.45	.44
Reading	.54	.29	-.13	.29	-.13	-.07	.41	.33	.07	.09	.88	.77	.78	.67	.52	1.00	.86	.77	.30	.29	.36	.96	.80	.73	.76
Math Concepts	.57	.29	-.16	.28	-.16	-.08	.45	.37	.07	.04	.79	.73	.76	.76	.54	.86	1.00	.86	.32	.28	.41	.82	.95	.73	.71
Math Problem Solving	.52	.27	-.10	.27	-.17	-.05	.39	.32	.06	.07	.75	.71	.75	.78	.49	.77	.86	1.00	.34	.25	.40	.76	.94	.67	.70
Coopersmith	.27	.18	.08	.17	.08	-.01	.21	.14	.06	-.01	.29	.29	.33	.33	.22	.30	.32	.34	1.00	.22	.27	.31	.35	.31	.30
IARS (-)	.19	.14	-.02	.04	-.02	-.04	.22	.23	-.03	.05	.31	.27	.25	.19	.16	.29	.28	.25	.22	1.00	.38	.31	.26	.31	.18
IARS (+)	.27	.23	.07	.19	.06	-.31	.22	.15	.07	-.03	.34	.35	.36	.35	.23	.36	.41	.40	.27	.38	1.00	.36	.42	.36	.31
Total Reading	.58	.30	-.14	.30	-.15	-.11	.45	.37	.08	.09	.98	.84	.79	.67	.52	.96	.82	.76	.31	.31	.36	1.00	.81	.76	.70
Total Math	.56	.29	-.15	.28	-.16	-.07	.42	.34	.09	.03	.78	.75	.78	.91	.53	.80	.95	.94	.35	.26	.42	.81	1.00	.71	.71
Language Part A	.49	.27	-.16	.29	-.17	-.11	.44	.40	.10	.09	.74	.65	.82	.59	.45	.73	.73	.67	.31	.31	.36	.76	.71	1.00	.82
Language Part B	.56	.25	-.21	.31	-.20	-.05	.33	.29	.11	.04	.58	.58	.96	.59	.44	.76	.71	.70	.30	.18	.31	.70	.71	.82	1.00

Table F9-IIIEF (continued)

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES FOR COHORT III ENTERING-FIRST FT CHILDREN WITH NO PRESCHOOL EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	.12	.01	.12	-.01	.35	.17	.16	.01	0.00	.54	.57	.40	.51	.57	.51	.54	.48	.34	.29	.25	.56	.56	.48	.29
Family Income	.12	1.00	0.00	.20	-.03	-.02	.14	.13	.00	0.00	.15	.10	.10	.06	.15	.10	.11	.14	.13	.11	.05	.14	.12	.10	.05
Missing Income	.01	0.00	1.00	.01	.69	.03	-.17	-.16	-.10	0.00	-.05	-.07	-.01	.05	.04	-.08	-.05	-.02	-.04	-.06	-.03	-.07	-.00	-.10	.03
Occupation	.12	.20	.01	1.00	0.00	-.05	.06	.07	-.07	0.00	.14	.10	.09	.15	.13	.06	.12	.11	.08	.11	.09	.11	.14	.10	.07
Missing Occupation	-.01	-.03	.69	0.00	1.00	.05	-.22	-.21	-.10	0.00	-.05	-.06	-.05	-.01	-.06	-.11	-.08	-.07	-.02	-.06	.00	-.08	-.06	-.13	.00
Entry Age	.35	-.02	.03	-.05	.05	1.00	-.17	-.17	-.04	0.00	-.03	.01	.01	.01	.06	.07	.04	.08	-.04	-.00	-.07	.01	.05	.07	-.02
Ethnicity (White vs. Black)	.17	.14	-.17	.06	-.22	-.17	1.00	.95	-.04	0.00	.37	.32	.13	.18	.28	.29	.29	.26	.19	.07	.09	.36	.27	.25	.04
Ethnicity (White vs. Other)	.16	.13	-.16	.07	-.21	-.17	.95	1.00	-.03	0.00	.35	.29	.13	.16	.25	.26	.28	.25	.16	.07	.06	.33	.26	.23	.05
Sex	.01	.00	-.10	-.07	-.10	-.04	-.04	-.03	1.00	0.00	.05	.12	.14	.10	-.04	.14	.04	.05	.12	.20	.05	.10	.07	.18	.09
First Language	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Word Knowledge	.54	.15	-.05	.14	-.05	-.03	.37	.35	.06	0.00	1.00	.83	.67	.62	.45	.81	.77	.69	.31	.35	.31	.97	.75	.67	.56
Spelling	.57	.10	-.07	.10	-.06	.01	.32	.29	.12	0.00	.83	1.00	.65	.67	.46	.78	.74	.67	.29	.35	.33	.88	.76	.68	.52
Language	.40	.10	-.01	.09	-.05	.01	.13	.13	.14	0.00	.67	.65	1.00	.67	.41	.69	.67	.65	.29	.31	.33	.71	.73	.78	.94
Math Computations	.51	.06	.05	.15	-.01	.01	.18	.16	.10	0.00	.62	.67	.67	1.00	.49	.60	.74	.73	.34	.41	.31	.64	.90	.59	.60
Raven's	.57	.15	.04	.13	-.06	.06	.28	.25	-.04	0.00	.45	.46	.41	.49	1.00	.46	.49	.48	.34	.21	.14	.48	.53	.40	.34
Reading	.51	.10	-.08	.06	-.11	.07	.29	.26	.14	0.00	.81	.78	.69	.60	.46	1.00	.69	.66	.29	.29	.29	.93	.71	.64	.59
Math Concepts	.54	.11	-.05	.12	-.08	.04	.29	.29	.04	0.00	.77	.74	.67	.74	.49	.69	1.00	.81	.36	.42	.31	.77	.93	.63	.57
Math Problem Solving	.48	.14	-.02	.11	-.07	.08	.26	.25	.05	0.00	.69	.67	.65	.73	.48	.66	.81	1.00	.38	.33	.28	.71	.92	.59	.57
Coopersmith	.34	.13	-.04	.08	-.02	-.04	.19	.16	.12	0.00	.31	.29	.29	.34	.34	.29	.36	.38	1.00	.18	.27	.31	.41	.33	.21
IARS (-)	.29	.11	-.06	.11	-.06	-.00	.07	.07	.20	0.00	.35	.35	.31	.41	.21	.29	.42	.33	.18	1.00	.36	.34	.42	.31	.25
IARS (+)	.25	.05	-.03	.09	.00	-.07	.09	.06	.05	0.00	.31	.33	.33	.31	.14	.29	.31	.28	.27	.36	1.00	.32	.33	.35	.26
Total Reading	.56	.14	-.07	.11	-.08	.01	.36	.33	.10	0.00	.97	.88	.71	.64	.48	.93	.77	.71	.31	.34	.32	1.00	.77	.69	.60
Total Math	.56	.12	-.00	.14	-.06	.05	.27	.26	.07	0.00	.75	.76	.73	.90	.53	.71	.93	.92	.41	.42	.33	.77	1.00	.66	.64
Language Part A	.48	.10	-.10	.10	-.13	.07	.25	.23	.18	0.00	.67	.68	.78	.59	.40	.64	.63	.59	.33	.31	.35	.69	.66	1.00	.53
Language Part B	.29	.05	.03	.07	.00	-.02	.04	.05	.09	0.00	.56	.52	.94	.60	.34	.59	.57	.57	.21	.25	.26	.60	.64	.53	1.00

Table F9-IIIEF (continued)

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES FOR COHORT III ENTERING-FIRST NFT CHILDREN WITH NO PRESCHOOL EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	.11	.15	.17	.14	.31	.13	.12	.00	.15	.46	.41	.43	.45	.50	.41	.49	.40	.16	.23	.18	.46	.49	.38	.39
Family Income	.11	1.00	0.00	.21	-.03	-.07	.18	.17	.02	.02	.13	.06	.14	.16	.21	.13	.14	.12	.03	.03	.06	.13	.15	.14	.12
Missing Income	.15	0.00	1.00	.03	.93	.05	-.13	-.14	-.04	.05	-.01	-.08	.04	-.08	.06	-.02	-.01	-.04	.01	.09	-.03	-.01	-.05	.08	.02
Occupation	.17	.21	.03	1.00	-.00	-.06	.12	.13	.01	.06	.15	.09	.14	.14	.18	.13	.14	.10	-.04	.04	.02	.14	.14	.10	.15
Missing Occupation	.14	-.03	.93	-.00	1.00	.04	-.20	-.20	-.03	.05	.03	-.05	.06	-.07	.01	-.01	.01	.01	.05	.09	-.01	.01	-.02	.05	.04
Entry Age	.31	-.07	.05	-.06	.04	1.00	-.11	-.11	-.04	.04	-.13	-.17	-.13	-.06	-.03	-.19	-.11	-.11	-.14	.02	-.04	-.16	-.10	-.14	-.11
Ethnicity (White vs. Black)	.13	.18	-.16	.12	-.20	-.11	1.00	.94	-.03	-.05	.33	.30	.30	.28	.33	.32	.28	.27	-.03	.20	.14	.34	.30	.27	.26
Ethnicity (White vs. Other)	.12	.17	-.17	.13	-.20	-.11	.94	1.00	-.02	.14	.33	.30	.29	.26	.28	.31	.26	.25	-.02	.16	.11	.33	.30	.28	.25
Sex	.00	.12	-.04	.01	-.02	-.04	-.03	-.02	1.00	.02	.13	.21	.16	.09	-.05	.12	.11	.14	.14	-.03	.15	.14	.12	.11	.16
First Language	.15	.02	.05	.06	.05	.04	-.05	.14	.02	1.00	.15	.14	.09	.11	.11	.14	.12	.12	.04	.09	.03	.15	.13	.11	.06
Word Knowledge	.46	.13	-.01	.15	.03	-.13	.33	.33	.13	.15	1.00	.65	.74	.60	.44	.84	.73	.68	.24	.31	.38	.97	.73	.70	.63
Spelling	.41	.04	-.08	.09	-.05	-.17	.30	.30	.21	.14	.65	1.00	.68	.58	.36	.75	.69	.63	.29	.26	.35	.84	.69	.70	.57
Language	.43	.14	.04	.14	.06	-.13	.30	.29	.16	.09	.74	.68	1.00	.67	.43	.71	.76	.71	.24	.30	.30	.76	.77	.80	.95
Math Computations	.45	.16	-.08	.14	-.07	-.06	.28	.26	.09	.11	.60	.58	.67	1.00	.48	.60	.77	.70	.20	.27	.31	.63	.89	.58	.62
Raven's	.50	.21	.06	.18	.01	-.03	.33	.28	-.05	.11	.44	.36	.43	.48	1.00	.41	.40	.39	.09	.19	.20	.45	.49	.41	.37
Reading	.41	.13	-.02	.13	-.01	-.19	.32	.31	.12	.14	.84	.75	.71	.60	.41	1.00	.75	.70	.26	.30	.39	.94	.75	.67	.63
Math Concepts	.49	.14	-.01	.14	.01	-.11	.28	.26	.11	.12	.73	.69	.76	.77	.46	.75	1.00	.82	.22	.34	.39	.77	.94	.70	.57
Math Problem Solving	.40	.12	-.04	.10	.01	-.11	.27	.26	.14	.12	.68	.63	.71	.70	.39	.70	.82	1.00	.24	.29	.32	.71	.92	.60	.65
Coopersmith	.16	.03	.01	-.04	.05	-.14	-.03	-.02	.14	.04	.24	.29	.24	.20	.00	.26	.22	.24	1.00	.01	.21	.26	.24	.28	.18
IARS (-)	.23	.03	.09	.04	.09	.02	.20	.16	-.03	.09	.31	.26	.30	.27	.19	.30	.34	.29	.01	1.00	.39	.32	.33	.34	.24
IARS (+)	.18	.06	-.03	.02	-.01	-.04	.14	.11	.15	.03	.38	.36	.30	.31	.20	.39	.39	.32	.21	.39	1.00	.40	.37	.38	.29
Total Reading	.46	.13	-.01	.14	.01	-.16	.34	.33	.14	.15	.97	.84	.76	.63	.45	.94	.77	.71	.26	.32	.40	1.00	.77	.75	.65
Total Math	.49	.15	-.05	.14	-.02	-.10	.30	.30	.12	.13	.73	.69	.77	.89	.40	.75	.94	.92	.24	.33	.37	.77	1.00	.65	.71
Language Part A	.38	.14	.08	.10	.09	-.14	.29	.26	.11	.11	.76	.70	.80	.58	.41	.67	.70	.60	.28	.34	.38	.75	.56	1.00	.56
Language Part B	.39	.12	.02	.15	.04	-.11	.26	.25	.16	.06	.63	.57	.95	.62	.37	.63	.67	.65	.18	.24	.29	.65	.71	.56	1.00

Table F9-IIEF

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES FOR COHORT II ENTERING-FIRST FT CHILDREN WITH HEAD START EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	.12	.07	.14	.04	.26	.07	.02	.15	0.00	.45	.48	.49	.51	.31	.46	.54	.47	.32	.15	.28	.53	.56	.48	.42
Family Income	.12	1.00	0.00	.21	-.01	.06	.21	.20	.02	0.00	.10	.04	.04	.09	.13	.07	.10	.13	-.02	.04	.04	.10	.11	.03	.03
Missing Income	.07	0.00	1.00	-.01	.96	.00	-.09	-.09	-.02	0.00	.02	-.00	.07	.05	.01	-.02	.06	.05	-.00	-.03	.00	.01	.06	.06	.07
Occupation	.14	.21	-.01	1.00	0.00	.13	.13	.13	.03	0.00	.13	.08	.15	.10	.05	.14	.14	.16	.17	.01	.09	.15	.14	.10	.15
Missing Occupation	.05	-.01	.95	0.00	1.00	.04	-.09	-.09	-.00	0.00	-.01	-.02	.06	.05	-.01	-.03	.05	.07	.00	-.04	-.01	-.02	.06	.04	.06
Entry Age	.26	.06	.00	.13	.04	1.00	.07	.07	.05	0.00	.21	.05	.15	.17	.14	.17	.18	.21	.13	.01	.04	.22	.20	.17	.11
Ethnicity (White vs. Black)	.02	.21	-.09	.13	-.09	.07	1.00	1.00	.01	0.00	.07	-.02	-.07	-.08	.23	.06	.05	.06	.01	.05	.07	.07	.01	.04	-.11
Ethnicity (White vs. Other)	.02	.20	-.09	.13	-.09	.07	1.00	1.00	.01	0.00	.07	-.02	-.07	-.08	.23	.06	.05	.06	.01	.05	.07	.07	.01	.04	-.11
Sex	.15	.02	-.02	.03	-.00	.05	.01	.01	1.00	0.00	.17	.15	.10	.11	-.10	.14	.06	.06	.09	-.01	.13	.17	.09	.10	.08
First Language	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Word Knowledge	.45	.10	.02	.13	-.01	.21	.07	.07	.17	0.00	1.00	.51	.48	.62	.24	.65	.62	.59	.34	.28	.30	.95	.67	.57	.36
Spelling	.48	.04	-.00	.08	-.02	.05	-.02	-.02	.15	0.00	.51	1.00	.53	.66	.24	.59	.67	.60	.37	.25	.34	.79	.71	.60	.41
Language	.49	.04	.07	.15	.06	.15	-.07	-.07	.10	0.00	.48	.53	1.00	.58	.19	.48	.64	.60	.40	.19	.32	.52	.67	.78	.95
Math Computations	.51	.09	.05	.10	.05	.17	-.08	-.08	.11	0.00	.62	.66	.58	1.00	.30	.52	.75	.71	.41	.29	.34	.63	.91	.55	.51
Raven's	.31	.13	.01	.05	-.01	.14	.23	.23	-.10	0.00	.24	.24	.19	.30	1.00	.30	.41	.36	.28	.21	.23	.29	.39	.28	.12
Reading	.46	.07	-.02	.14	-.03	.17	.05	.05	.14	0.00	.65	.59	.48	.52	.30	1.00	.60	.62	.37	.24	.22	.86	.63	.57	.36
Math Concepts	.54	.10	.06	.14	.05	.18	.05	.05	.06	0.00	.62	.67	.64	.75	.41	.60	1.00	.77	.41	.26	.37	.67	.93	.67	.52
Math Problem Solving	.47	.13	.05	.10	.07	.21	.06	.06	.06	0.00	.59	.60	.60	.71	.36	.62	.77	1.00	.38	.27	.31	.66	.90	.58	.52
Coopersmith	.32	-.02	-.00	.17	.00	.13	.01	.01	.09	0.00	.34	.37	.40	.41	.28	.37	.41	.38	1.00	.19	.34	.39	.44	.38	.34
IARS (-)	.15	.04	-.03	.01	-.04	.01	.05	.05	-.01	0.00	.28	.25	.19	.29	.21	.24	.26	.27	.19	1.00	.35	.29	.30	.25	.13
IARS (+)	.28	.04	.00	.09	-.01	.04	.07	.07	.13	0.00	.30	.34	.32	.34	.23	.22	.37	.31	.34	.35	1.00	.29	.37	.33	.26
Total Reading	.53	.10	.01	.15	-.02	.22	.07	.07	.17	0.00	.95	.79	.52	.63	.29	.86	.67	.66	.39	.29	.29	1.00	.71	.62	.39
Total Math	.56	.11	.06	.14	.06	.20	.01	.01	.09	0.00	.67	.71	.67	.91	.39	.63	.93	.90	.44	.30	.37	.71	1.00	.66	.57
Language Part A	.48	.03	.06	.10	.04	.17	.04	.04	.10	0.00	.57	.60	.78	.55	.28	.57	.67	.58	.38	.25	.33	.62	.66	1.00	.56
Language Part B	.42	.03	.07	.15	.06	.11	-.11	-.11	.08	0.00	.36	.41	.95	.51	.12	.36	.52	.52	.34	.13	.26	.39	.57	.56	1.00

Table F9-IIEF (continued)

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES FOR COHORT II ENTERING-FIRST NFT CHILDREN WITH HEAD START EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	.23	-.12	.16	-.05	.20	.27	.28	.06	0.00	.51	.55	.44	.41	.44	.52	.46	.37	.31	.15	.29	.54	.46	.46	.33
Family Income	.23	1.00	0.00	.18	0.00	-.02	.36	.24	.03	0.00	.26	.29	.14	.17	.14	.22	.21	.10	.24	.09	.21	.25	.18	.22	.04
Missing Income	-.12	0.00	1.00	-.01	.96	-.03	-.10	-.09	.05	0.00	-.17	-.09	-.13	-.08	.07	-.10	-.12	-.09	-.07	-.05	-.11	-.15	-.11	-.07	-.15
Occupation	.16	.14	-.01	1.00	0.00	.01	.19	.16	.02	0.00	.15	.19	.09	.12	.05	.11	.13	.04	.05	.10	.02	.14	.11	.10	.06
Missing Occupation	-.05	0.00	.96	0.00	1.00	-.05	-.10	-.06	.03	0.00	-.18	-.13	-.14	-.10	.06	-.13	-.13	-.11	-.09	-.04	-.12	-.17	-.13	-.07	-.10
Entry Age	.20	-.02	-.03	.01	-.05	1.00	.05	.06	.02	0.00	.00	.01	-.05	.13	.05	-.02	.04	.03	-.01	.01	-.03	-.01	.07	-.05	-.05
Ethnicity (White vs. Black)	.27	.36	-.10	.19	-.10	.05	1.00	.95	.09	0.00	.42	.35	.30	.36	.30	.43	.38	.30	.12	.13	.26	.45	.38	.29	.22
Ethnicity (White vs. Other)	.28	.24	-.09	.14	-.06	.06	.95	1.00	.06	0.00	.43	.35	.30	.33	.32	.43	.40	.32	.10	.11	.24	.45	.41	.30	.23
Sex	.06	.03	.05	.02	.03	.02	.09	.05	1.00	0.00	.07	.15	.05	.01	-.08	.11	.02	.12	-.06	.02	.06	.09	.05	.07	.03
First Language	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Word Knowledge	.51	.26	-.17	.15	-.18	.00	.42	.43	.07	0.00	1.00	.84	.69	.61	.39	.81	.74	.70	.37	.30	.42	.97	.75	.73	.46
Spelling	.55	.29	-.09	.15	-.13	.01	.35	.35	.15	0.00	.84	1.00	.66	.60	.36	.74	.65	.61	.39	.31	.40	.84	.68	.69	.48
Language	.44	.14	-.13	.07	-.14	-.05	.36	.30	.05	0.00	.69	.66	1.00	.66	.20	.70	.65	.65	.32	.32	.38	.73	.72	.79	.39
Math Computations	.41	.17	-.08	.12	-.10	.13	.35	.35	.01	0.00	.61	.60	.60	1.00	.41	.60	.75	.69	.39	.37	.35	.63	.90	.63	.51
Raven's	.44	.14	.07	.05	.06	.05	.30	.32	-.08	0.00	.39	.36	.29	.41	1.00	.34	.46	.35	.29	.26	.27	.39	.45	.32	.20
Reading	.52	.22	-.10	.11	-.13	-.02	.43	.43	.11	0.00	.81	.74	.74	.60	.34	1.00	.66	.70	.40	.30	.38	.93	.72	.68	.53
Math Concepts	.46	.21	-.12	.13	-.13	.04	.38	.40	.02	0.00	.74	.65	.65	.75	.46	.66	1.00	.77	.37	.34	.39	.74	.93	.63	.50
Math Problem Solving	.37	.10	-.09	.04	-.11	.03	.30	.32	.12	0.00	.70	.61	.65	.69	.35	.70	.77	1.00	.30	.38	.33	.74	.90	.61	.50
Coopersmith	.31	.24	-.07	.05	-.09	-.01	.12	.10	-.06	0.00	.37	.39	.32	.39	.29	.40	.37	.30	1.00	.32	.35	.40	.39	.37	.20
IARS (-)	.15	.09	-.05	.10	-.04	.01	.13	.11	.02	0.00	.30	.31	.32	.37	.26	.30	.34	.38	.32	1.00	.33	.32	.40	.34	.23
IARS (+)	.29	.21	-.11	.02	-.12	-.03	.26	.24	.06	0.00	.42	.40	.38	.35	.27	.38	.39	.33	.35	.33	1.00	.42	.39	.43	.26
Total Reading	.54	.25	-.15	.14	-.17	-.01	.45	.45	.09	0.00	.97	.84	.73	.63	.39	.93	.74	.74	.40	.32	.42	1.00	.77	.75	.53
Total Math	.46	.18	-.11	.11	-.13	.07	.38	.41	.05	0.00	.75	.68	.72	.90	.45	.72	.93	.90	.39	.40	.39	.77	1.00	.68	.56
Language Part A	.46	.22	-.07	.10	-.07	-.05	.29	.30	.07	0.00	.73	.69	.79	.63	.32	.68	.63	.61	.37	.34	.43	.75	.68	1.00	.44
Language Part B	.33	.04	-.15	.06	-.10	-.05	.22	.23	.03	0.00	.46	.48	.39	.51	.20	.53	.50	.50	.20	.23	.26	.53	.56	.44	1.00

Table F9-IIEF (continued)

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES FOR COHORT II ENTERING-FIRST FT CHILDREN WITH SOME PRESCHOOL EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	.12	.10	.23	.13	.15	.15	.13	.09	0.00	.46	.48	.51	.40	.47	.50	.51	.48	.24	.26	.19	.49	.50	.49	.45
Family Income	.12	1.00	-.30	.29	-.02	-.13	.29	.27	-.00	0.00	.07	.07	.06	.03	.23	.08	.11	.06	.08	.11	.10	.08	.08	.06	.05
Missing Income	.10	-.30	1.00	.33	.90	.13	-.12	-.17	-.04	0.00	.10	.09	.10	.06	-.07	.17	.12	.09	.12	.05	.06	.13	.10	.13	.14
Occupation	.23	.29	.33	1.00	0.00	-.03	.31	.25	-.04	0.00	.20	.17	.14	.14	.22	.19	.22	.20	-.01	.04	.12	.20	.21	.10	.14
Missing Occupation	.13	-.02	.90	0.00	1.00	.14	-.12	-.13	-.06	0.00	.05	.03	.12	.01	-.05	.11	.10	.04	.08	.01	-.01	.08	.06	.08	.12
Entry Age	.15	-.13	.13	-.03	.14	1.00	-.24	-.19	.03	0.00	-.02	-.03	.08	-.05	-.10	.11	.12	.06	-.16	-.02	-.04	.03	.05	.02	.10
Ethnicity (White vs. Black)	.15	.29	-.12	.31	-.12	-.24	1.00	.94	-.01	0.00	.23	.25	.03	.14	.38	.21	.22	.20	.11	.17	.17	.23	.20	.15	-.03
Ethnicity (White vs. Other)	.13	.27	-.17	.25	-.13	-.19	.94	1.00	-.05	0.00	.18	.21	-.00	.14	.36	.17	.21	.20	.13	.15	.16	.18	.20	.11	-.06
Sex	.09	-.00	-.04	-.04	-.06	.03	-.01	-.05	1.00	0.00	.10	.19	.13	.09	-.17	.13	-.02	.03	.11	.04	.12	.12	.03	.15	.11
First Language	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Word Knowledge	.46	.07	.10	.20	.05	-.02	.23	.18	.10	0.00	1.00	.84	.73	.67	.46	.84	.77	.77	.38	.28	.29	.97	.79	.75	.63
Spelling	.48	.07	.09	.17	.03	-.03	.25	.21	.19	0.00	.84	1.00	.70	.68	.42	.79	.76	.74	.38	.30	.30	.88	.78	.72	.59
Language	.51	.06	.10	.14	.12	.08	.03	-.00	.13	0.00	.73	.70	1.00	.68	.42	.72	.73	.74	.37	.30	.24	.76	.77	.80	.96
Math Computations	.40	.03	.06	.14	.01	-.05	.14	.14	.09	0.00	.67	.68	.68	1.00	.48	.59	.78	.77	.44	.35	.27	.66	.91	.66	.60
Raven's	.47	.23	-.07	.22	-.05	-.10	.38	.36	-.17	0.00	.46	.42	.42	.48	1.00	.41	.48	.44	.32	.30	.29	.45	.50	.41	.36
Reading	.50	.08	.17	.19	.11	.11	.21	.17	.13	0.00	.84	.79	.72	.59	.41	1.00	.74	.73	.36	.31	.33	.94	.73	.70	.64
Math Concepts	.51	.11	.12	.22	.10	.12	.22	.21	-.02	0.00	.77	.76	.73	.78	.48	.74	1.00	.86	.40	.34	.30	.79	.95	.74	.63
Math Problem Solving	.48	.06	.09	.20	.04	.06	.20	.20	.03	0.00	.77	.74	.74	.77	.44	.73	.86	1.00	.40	.30	.25	.78	.94	.72	.65
Coopersmith	.24	.08	.12	-.01	.08	-.16	.11	.13	.11	0.00	.38	.38	.37	.44	.32	.36	.40	.40	1.00	.22	.27	.39	.44	.36	.32
IARS (-)	.26	.11	.05	.04	.01	-.02	.17	.15	.04	0.00	.28	.30	.30	.35	.30	.31	.34	.30	.22	1.00	.38	.30	.35	.32	.25
IARS (+)	.19	.10	.06	.12	-.01	-.04	.17	.16	.12	0.00	.29	.30	.24	.27	.29	.33	.30	.25	.27	.38	1.00	.32	.30	.32	.17
Total Reading	.49	.05	.13	.20	.08	.03	.23	.18	.12	0.00	.97	.88	.76	.66	.45	.94	.79	.78	.39	.30	.32	1.00	.80	.75	.66
Total Math	.50	.05	.10	.21	.05	.05	.20	.20	.03	0.00	.79	.78	.77	.91	.50	.73	.95	.94	.44	.35	.30	.80	1.00	.76	.67
Language Part A	.49	.06	.13	.10	.08	.02	.15	.11	.15	0.00	.75	.72	.80	.66	.41	.70	.74	.72	.36	.32	.32	.75	.76	1.00	.59
Language Part B	.45	.06	.14	.14	.12	.10	-.03	-.06	.11	0.00	.63	.59	.96	.60	.36	.64	.63	.65	.32	.25	.17	.66	.67	.59	1.00

Table F9-IIEF (continued)

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES FOR COHORT II ENTERING-FIRST NFT CHILDREN WITH SOME PRESCHOOL EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	[illegible]	[illegible]	.24	-.11	.29	.24	.10	-.09	-.05	.46	.53	.37	.33	.42	.43	.46	.37	.15	.15	.17	.45	.41	.41	.32
Family Income	[illegible]	1.00	[illegible]	.33	[illegible]	-.06	.35	.31	.04	.11	.39	.31	.20	.29	.35	.31	.28	.26	.13	.13	.28	.36	.30	.22	.26
Missing Income	[illegible]	[illegible]	1.00	[illegible]	.56	-.01	-.05	-.12	-.31	.03	.04	.04	-.11	.01	-.13	.02	-.05	.03	.01	-.15	-.05	.04	-.00	-.06	-.12
Occupation	.22	.53	[illegible]	1.00	[illegible]	-.11	.36	.30	-.31	.11	.43	.41	.28	.31	.41	.34	.37	.23	.17	.15	.14	.41	.33	.29	.24
Missing Occupation	-.11	[illegible]	.56	[illegible]	1.00	-.10	-.22	-.14	-.15	.02	-.14	-.15	-.18	-.15	-.21	-.17	-.17	-.17	-.08	-.20	-.22	-.15	-.17	-.19	-.15
Entry Age	.29	-.06	-.01	-.11	-.10	1.00	.11	.14	.02	-.03	.03	.02	.08	.05	.04	.07	.03	.06	-.15	-.05	-.12	.05	.05	.13	.05
Ethnicity (White vs. Black)	.24	.35	-.05	.36	-.22	.11	1.00	.92	[illegible]	.13	.54	.41	.51	.47	.67	.49	.50	.45	.13	.27	.30	.53	.51	.49	.45
Ethnicity (White vs. Other)	.10	.31	-.12	.30	-.17	.14	.92	1.00	-.19	[illegible]	.43	.34	.40	.37	.60	.37	.41	.35	.07	.14	.23	.42	.41	.40	.36
Sex	[illegible]	[illegible]	[illegible]	[illegible]	-.15	.02	[illegible]	-.17	1.00	-.10	-.07	-.01	-.09	-.17	-.30	-.11	-.12	-.10	-.07	.12	.12	-.09	-.14	-.11	-.07
First Language	-.05	.11	.03	.11	.02	-.03	.13	.27	-.10	1.00	-.09	-.02	-.03	-.04	.11	-.06	.03	-.08	-.21	-.12	-.02	-.06	-.03	-.06	-.02
Word Knowledge	.46	.39	.04	.43	-.14	.03	.54	.43	-.07	-.09	1.00	.87	.72	.66	.58	.89	.84	.76	.40	.47	.35	.98	.81	.72	.64
Spelling	.53	.31	.04	.41	-.15	.02	.41	.34	-.01	-.02	.87	1.00	.62	.64	.49	.75	.80	.70	.40	.36	.35	.85	.77	.65	.54
Language	.37	.20	-.11	.28	-.14	.08	.51	.40	-.09	-.03	.72	.62	1.00	.65	.52	.74	.81	.40	.27	.39	.43	.75	.81	.84	.97
Math Computations	.33	[illegible]	.01	.31	-.15	.05	.47	.37	-.17	-.04	.66	.64	.65	1.00	.51	.67	.77	.77	.40	.35	.37	.68	.92	.63	.59
Raven's	.42	.35	-.13	.41	-.21	.04	.57	.60	-.30	.11	.58	.49	.52	.51	1.00	.58	.61	.52	.27	.18	.22	.60	.59	.49	.47
Reading	.43	.31	.02	.34	-.17	.07	.49	.37	-.11	-.06	.89	.75	.74	.67	.58	1.00	.84	.80	.41	.42	.36	.96	.83	.69	[illegible]
Math Concepts	.46	.28	-.05	.37	-.17	.03	.50	.41	-.12	.03	.84	.80	.81	.77	.61	.84	1.00	.65	.40	.39	.39	.86	.94	.76	.74
Math Problem Solving	.37	.26	[illegible]	.23	-.17	.06	.45	.35	-.10	-.08	.76	.70	.40	.77	.52	.80	.85	1.00	.36	.29	.38	.80	.93	.70	.76
Coopersmith	.15	.13	.01	.17	-.08	-.15	.13	.07	-.07	-.21	.40	.40	.27	.40	.27	.41	.40	.36	1.00	.21	.39	.41	.42	.26	.24
IARS (-)	.15	.13	-.15	.15	-.20	-.05	.27	.13	.12	-.12	.47	.36	.39	.36	.18	.42	.39	.29	.21	1.00	.30	.46	.38	.42	.33
IARS (+)	.17	.28	-.05	.14	-.22	-.12	.30	.23	.12	-.02	.35	.35	.43	.37	.22	.36	.39	.38	.39	.30	1.00	.36	.41	.40	.39
Total Reading	.45	.35	.04	.41	-.15	.05	.53	.42	-.09	-.06	.98	.85	.75	.68	.60	.96	.86	.80	.41	.46	.36	1.00	.84	.73	.68
Total Math	.41	.30	-.00	.33	-.17	.05	.51	.41	-.14	-.03	.81	.77	.81	.92	.59	.83	.94	.93	.42	.38	.41	.84	1.00	.75	.75
Language Part A	.41	.22	-.06	.29	-.19	.13	.49	.40	-.11	-.06	.72	.65	.84	.63	.49	.69	.76	.70	.26	.42	.40	.73	.75	1.00	.67
Language Part B	.32	.26	-.12	.24	-.15	.05	.45	.36	-.07	-.02	.64	.54	.97	.59	.47	.66	.74	.76	.24	.33	.39	.68	.75	.67	1.00

Table F9-IIEF (continued)

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES
FOR COHORT II ENTERING-FIRST FT CHILDREN
WITH NO PRESCHOOL EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	.13	.24	.11	.22	.24	.33	.33	.25	0.00	.44	.39	.30	.44	.38	.47	.60	.43	.35	[illegible]	.37	.49	.47	.20	.24
Family Income	.13	1.00	[illegible]	.32	[illegible]	.20	.45	.45	-.11	0.00	.19	.20	.13	.16	.25	.11	.31	.12	.23	.22	.37	.17	.22	.18	.07
Missing Income	.24	[illegible]	1.00	[illegible]	.49	-.10	-.22	-.22	.03	0.00	-.04	-.10	-.05	-.11	-.28	-.11	-.10	-.02	.17	-.04	-.01	-.11	-.09	-.16	.03
Occupation	.11	.32	-.04	1.00	0.00	-.01	.32	.32	-.09	0.00	.17	.04	.15	.21	.36	.16	.17	.05	.14	.14	.11	.10	.17	.07	.16
Missing Occupation	.22	0.00	.47	1.00	1.00	-.11	-.11	-.11	.13	0.00	.04	.02	.02	.07	-.14	-.01	.15	.15	.05	.13	.36	.02	.13	-.13	.09
Entry Age	.24	.20	-.13	-.31	-.11	1.00	.29	.29	.04	0.00	.10	-.01	.14	.13	.23	.06	.17	.07	.16	.04	.03	.09	.14	.14	.13
Ethnicity (White vs. Black)	.33	.45	-.26	.32	-.11	.29	1.00	1.00	.37	0.00	.28	.35	.17	.11	.53	.35	.27	.18	.06	.15	.32	.34	.21	.19	.12
Ethnicity (White vs. Other)	.33	.45	-.22	.32	-.11	.29	1.00	1.00	.07	0.00	.28	.32	.17	.11	.53	.35	.27	.18	.36	.15	.33	.34	.21	.19	.12
Sex	.25	-.11	.03	-.09	.13	.04	.37	.37	1.00	0.00	.27	.22	.12	.24	.00	.22	.14	.24	.03	.14	.09	.27	.25	.08	.12
First Language	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Word Knowledge	.44	.19	-.04	.17	.04	.10	.28	.28	.27	0.00	1.00	.80	.43	.75	.36	.69	.73	.65	.35	.43	.35	.95	.79	.62	.48
Spelling	.39	.20	-.10	.04	.02	-.01	.35	.35	.22	0.00	.80	1.00	.59	.77	.20	.57	.71	.64	.31	.36	.41	.77	.79	.66	.40
Language	.30	.13	-.05	.15	.02	.14	.17	.17	.12	0.00	.63	.59	1.00	.63	.24	.60	.59	.60	.27	.24	.32	.57	.68	.56	.92
Math Computations	.44	.16	-.11	.21	.07	.13	.11	.11	.24	0.00	.75	.77	.63	1.00	.27	.52	.64	.70	.47	.45	.45	.71	.89	.64	.47
Raven's	.38	.25	-.28	.36	-.14	.23	.53	.53	.00	0.00	.36	.20	.24	.27	1.00	.53	.47	.32	.14	.15	.14	.40	.40	.26	.23
Reading	.47	.11	-.11	.16	-.01	.06	.35	.35	.22	0.00	.69	.57	.60	.52	.53	1.00	.56	.62	.15	.35	.23	.89	.63	.48	.51
Math Concepts	.60	.31	-.10	.17	.15	.17	.27	.27	.14	0.00	.73	.71	.59	.64	.47	.56	1.00	.70	.34	.43	.36	.71	.89	.61	.43
Math Problem Solving	.43	.12	-.02	.05	.15	.07	.18	.18	.29	0.00	.65	.64	.60	.70	.32	.62	.70	1.00	.29	.35	.40	.68	.90	.53	.48
Coopersmith	.35	.23	.17	.14	.05	.16	.06	.06	.03	0.00	.35	.31	.27	.47	.19	.15	.34	.24	1.00	.27	.37	.29	.41	.29	.19
IARS (-)	.19	.22	-.04	.13	.12	.34	.15	.15	.18	0.00	.43	.35	.24	.45	.15	.35	.43	.35	.27	1.00	.26	.43	.46	.24	.18
IARS (+)	.37	.37	-.01	.11	.32	.03	.33	.33	.09	0.00	.35	.41	.32	.45	.14	.23	.36	.40	.37	.26	1.00	.33	.45	.20	.27
Total Reading	.49	.17	-.11	.18	.32	.09	.34	.34	.27	0.00	.95	.77	.67	.71	.46	.89	.71	.68	.29	.43	.33	1.00	.79	.61	.53
Total Math	.47	.22	-.09	.17	.13	.14	.21	.21	.25	0.00	.79	.79	.68	.89	.40	.63	.49	.90	.41	.46	.45	.79	1.00	.66	.51
Language Part A	.26	.18	-.16	.07	-.13	.14	.19	.19	.08	0.00	.62	.68	.65	.64	.20	.48	.61	.53	.29	.24	.20	.61	.66	1.00	.32
Language Part B	.24	.17	.03	.16	.09	.13	.12	.12	.12	0.00	.48	.40	.92	.47	.20	.51	.43	.48	.19	.18	.27	.53	.51	.32	1.00

Table F9-IIEF (continued)

PEARSON CORRELATION COEFFICIENTS OF COVARIATES AND OUTCOMES FOR COHORT II ENTERING-FIRST NFT CHILDREN WITH NO PRESCHOOL EXPERIENCE

	Fall Kindergarten WRAT	Family Income	Missing Income	Occupation	Missing Occupation	Entry Age	Ethnicity (White vs. Black)	Ethnicity (White vs. Other)	Sex	First Language	Word Knowledge	Spelling	Language	Math Computations	Raven's	Reading	Math Concepts	Math Problem Solving	Coopersmith	IARS (-)	IARS (+)	Total Reading	Total Math	Language Part A	Language Part B
Fall Kindergarten WRAT	1.00	.31	.00	.35	-.06	.12	.38	.31	-.04	-.06	.65	.67	.59	[illegible]	.51	.63	.66	.62	.29	.24	.35	.66	.66	.59	.51
Family Income	.31	1.00	.00	.41	-.03	-.07	.36	.35	-.02	.04	.34	.32	.29	.29	.23	.31	.32	.31	.08	.25	.21	.35	.32	.32	.24
Missing Income	.00	.00	1.00	.00	.79	-.02	-.31	-.24	.00	.05	-.16	-.13	-.12	-.04	-.10	-.13	-.04	-.05	.03	-.10	-.09	-.14	-.07	-.12	-.10
Occupation	.35	.41	.00	1.00	.00	-.04	.33	.32	-.05	.03	.39	.36	.39	.31	.29	.38	.37	.35	.11	.20	.17	.40	.37	.29	.38
Missing Occupation	-.06	-.03	.79	.00	1.00	.05	-.37	-.29	.01	.04	-.16	-.11	-.12	-.05	-.24	-.12	-.06	-.06	.00	-.16	-.11	-.15	-.07	-.15	-.09
Entry Age	.12	-.07	-.02	-.04	.05	1.00	.03	.01	-.11	-.12	.03	-.03	.05	.04	.04	.05	.00	.05	.10	.13	-.11	.03	.05	.01	.05
Ethnicity (White vs. Black)	.35	.36	-.31	.33	-.37	.03	1.00	.69	-.10	.03	.51	.40	.43	.38	.55	.47	.49	.44	.11	.33	.36	.51	.46	.42	.37
Ethnicity (White vs. Other)	.31	.35	-.24	.32	-.29	.01	.69	1.00	-.10	.25	.44	.37	.38	.34	.47	.43	.43	.38	.08	.32	.28	.45	.41	.35	.34
Sex	-.04	-.02	.00	-.05	.01	-.11	-.10	-.10	1.00	.03	-.02	.09	.00	.02	-.16	-.01	-.05	-.01	-.10	.13	.15	-.01	-.02	.10	-.04
First Language	-.06	.04	.05	.03	.04	-.12	.03	.25	.03	1.00	.02	.07	-.00	.08	.02	.03	-.02	.02	-.03	.08	-.02	.03	.02	-.02	.03
Word Knowledge	.65	.34	-.16	.39	-.16	.03	.51	.41	-.02	.02	1.00	.85	.74	.70	.62	.88	.81	.81	.29	.44	.44	.98	.81	.75	.64
Spelling	.67	.32	-.13	.36	-.11	-.03	.40	.37	.09	.07	.85	1.00	.60	.59	.49	.79	.74	.74	.30	.36	.46	.85	.76	.71	.58
Language	.59	.29	-.12	.39	-.12	.05	.43	.30	.00	-.00	.74	.60	1.00	.70	.57	.73	.78	.77	.27	.37	.40	.76	.79	.78	.96
Math Computations	[illegible]	.29	-.04	.31	-.05	.04	.38	.34	.02	.03	.70	.69	.70	1.00	.51	.68	.83	.84	.33	.38	.42	.72	.94	.61	.65
Raven's	.51	.23	-.10	.29	-.24	.04	.55	.47	-.16	.02	.62	.49	.57	.51	1.00	.62	.63	.60	.24	.36	.39	.63	.61	.52	.51
Reading	.63	.31	-.13	.38	-.12	.05	.47	.43	-.01	.03	.88	.79	.73	.68	.62	1.00	.79	.82	.28	.43	.38	.95	.80	.70	.65
Math Concepts	.65	.32	-.07	.37	-.03	.05	.49	.43	-.06	-.02	.81	.74	.78	.83	.63	.79	1.00	.89	.35	.39	.44	.63	.96	.70	.72
Math Problem Solving	.62	.31	-.05	.35	-.04	.05	.44	.38	-.01	.02	.81	.74	.77	.84	.60	.82	.89	1.00	.36	.42	.42	.84	.96	.66	.72
Coopersmith	.29	.08	.00	.11	.00	.10	.11	.04	-.10	-.03	.29	.30	.27	.33	.24	.28	.35	.36	1.00	.21	.29	.29	.36	.25	.25
IARS (-)	.24	.25	-.10	.20	-.15	.15	.33	.32	.13	.08	.44	.34	.37	.38	.36	.43	.39	.42	.21	1.00	.42	.46	.42	.37	.33
IARS (+)	.35	.21	-.09	.17	-.11	-.11	.36	.28	.15	-.02	.44	.46	.40	.42	.39	.38	.44	.42	.29	.42	1.00	.44	.45	.48	.31
Total Reading	.66	.35	-.14	.40	-.15	.03	.51	.45	-.01	.03	.98	.85	.76	.72	.63	.95	.33	.84	.29	.46	.44	1.00	.84	.75	.66
Total Math	.66	.32	-.07	.37	-.07	.35	.46	.41	-.02	.02	.81	.76	.79	.94	.61	.80	.96	.96	.36	.42	.43	.84	1.00	.69	.73
Language Part A	.59	.32	-.12	.29	-.15	.01	.42	.35	.10	-.02	.75	.71	.73	.61	.52	.70	.70	.66	.25	.37	.48	.75	.65	1.00	.58
Language Part B	.51	.24	-.10	.38	-.09	.05	.37	.34	-.04	.06	.64	.58	.96	.65	.51	.65	.72	.72	.25	.33	.31	.66	.73	.56	1.00

Table F10-(2)

SUMMARY OF EFFECTS FOR SITES IN THE RESPONSIVE EDUCATION MODEL, BY OUTCOME BY COHORT STREAM BY ANALYSIS

DOMAIN	OUTCOME MEASURE	Buffalo, NY				Duluth, MN				Fresno, CA				St. Louis, MO		Salt Lake City, UT				Tacoma, WA				Berkeley, CA		Lebanon, NH		Goldsboro, NC		Sumter, SC		Owensboro, KY	
	COHORT STREAM	III-K		II-K		III-K		II-K		III-K		II-K		III-K		III-K		II-K		III-K		II-K		II-K		II-K		III-EF		III-EF		III-EF	
	ANALYSIS[a]	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA
BASIC SKILLS	Word Knowledge				-			-	-					+	+			▨	▨	-	▨	▨	▨				+			-	-	▨	▨
	Spelling		-				-	-	-					+	+				▨	-	▨	-	▨							-	-	▨	▨
	Language				-			-	-				+		+	-	-	▨	▨	-	▨	▨	▨					+		-	-	▨	▨
	Math Computations	-	-	-	-			-	-		+			+	+			+	▨	-	▨		▨					+			-	▨	▨
COGNITIVE CONCEPTUAL SKILLS	Raven's					+	+					-	-		+		▨		-													▨	▨
	Reading			-	-			-	-					+	+		▨		▨		▨	▨	▨					+		-	-	▨	▨
	Math Concepts			-	-		-	-	-		+			+	+		▨	▨	▨		▨	▨	▨					+		-	-	▨	▨
	Math Problem Solving			-	-		-	-	-		+			+	+		▨		▨		▨	▨	▨					+	+	-	-	▨	▨
AFFECTIVE OUTCOMES	Coopersmith							-	-							-			▨								+				-	▨	▨
	IARS (-)	-	-		-		-												-					+	+				-	-	-		▨
	IARS (+)		-				+						-		+	-	-				-	-	▨										
	Total Reading				-			-	-					+	+			▨	▨	-	▨	▨	▨					+		-	-	▨	▨
	Total Math		-	-	-			-	-		+			+	+		▨		▨		▨	▨	▨					+	+	-	-	▨	▨
	Language Part A		-												+	-	-	▨	▨		▨	▨	▨					+	+		-	▨	▨
	Language Part B				-			-	-			+	+				-	▨	▨	-	-	▨	▨					+			-	▨	▨

NATIONAL NORMS[b]		SITE FT SAMPLE															
Outcome Measures	MAT Sample																
Reading	20%	57	59	21	21	72	57	41	38	43	50	56	19	7	53	81	73
Math	12%	33	37	19	23	62	64	34	48	49	48	64	19	21	41	48	67
Spelling	22%	57	64	21	19	69	59	31	33	26	58	74	27	14	47	74	68
Language	14%	73	77	51	62	90	89	72	67	63	75	79	51	57	55	90	73

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

[b] Percentage of children performing one or more years below grade level

KEY:	
+	FT-favoring effect
-	NFT-favoring effect
blank	Null effect
▨	Untrustworthy effect

Table F10-(3)

SUMMARY OF EFFECTS FOR SITES IN THE TEEM MODEL, BY OUTCOME BY COHORT STREAM BY ANALYSIS

DOMAIN	OUTCOME MEASURE	SITE: Chicasha, OK		Des Moines, IA		Lakewood, NJ				Newark, NJ		Lincoln, NB				Wichita, KS				Baltimore, MD		Vermilion Par., LA		Durham Co., NC		Ft. Worth, TX		Walker Co., GA		Pike Co., KY	
	COHORT STREAM	III-K		III-K		III-K		II-K		III-K		III-K		II-K		III-K		II-K		II-K		III-EF		III-EF		III-EF		III-EF		III-EF	
	ANALYSIS[a]	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA
BASIC SKILLS	Word Knowledge	▨ -	▨ -							-	-	-	-	-	-	▨ -	▨ -		▨	-	-		-								
	Spelling	-	▨ -				▨		-	-	-	-	-		-	▨	▨		▨ +	-	-		-			-	-				
	Language	▨	▨				▨		-		-				-	-	▨ -														
	Math Computations	▨	▨	+	+		-						-	-	-	▨	-						-	+	+					+	+
COGNITIVE CONCEPTUAL SKILLS	Raven's	▨							+						-				▨			▨	▨	+	+						
	Reading	▨ -	▨ -		▨						-	-	-	-	-	▨ -	▨ -		▨	-	-		-								
	Math Concepts	▨	▨ -									-	-	-	-	▨	▨		+	-	-		-					-	-		+
	Math Problem Solving	▨ +	▨ -				-				+	-	-	-	▨	▨	▨		+		-		-								
AFFECTIVE OUTCOMES	Coopersmith								-							-	-				-		-			-	-				
	IARS (-)						-	-	-		-			-	-		-			-	-		-		+	-	-				-
	IARS (+)							-	▨		-						-		-	-	-		-				-	-	-		
	Total Reading	▨ -	▨ -							-	-	-	-	-	-	▨ -	▨ -		▨	-	-		-								
	Total Math	▨	▨				-					-	-	-	-	▨	▨ -			-	-		-								+
	Language Part A	▨					▨				-						-		▨	-	-		-								
	Language Part B	▨	▨				▨		-		-				-	-	▨ -				+		+								

NATIONAL NORMS[b]		SITE FT SAMPLE														
Outcome Measures	MAT Sample															
Reading	20%	32	42	49	56	33	20	29	41	30	90	77	40	72	63	31
Math	12%	18	21	61	62	14	21	31	49	46	82	62	31	65	47	24
Spelling	22%	32	4	47	56	26	20	29	41	31	87	71	37	71	63	28
Language	14%	32	38	91	73	62	40	47	75	64	91	83	43	81	74	44

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

[b] Percentage of children performing one or more years below grade level

KEY:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Untrustworthy effect

Table F10-(5)

SUMMARY OF EFFECTS FOR SITES IN THE BANK STREET MODEL, BY OUTCOME BY COHORT STREAM BY ANALYSIS

	SITE	New York, NY				Philadelphia, PA				Brattelboro, VT				Fall River, MA				New Haven, CT		Rochester, NY		Wilmington, DE		Macon Co., AL	
	COHORT STREAM	III-K		II-K		III-K		II-K		III-K		II-K		III-K		II-K		III-K		II-K		II-K		II-EF	
DOMAIN	OUTCOME MEASURE / ANALYSIS[a]	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA
BASIC SKILLS	Word Knowledge					-	-								-	-	-				-				+
	Spelling		-	-	-	-	-		-		-	-	-		-	-	-				-		-		▨
	Language	-	-								-				+		+						-		+
	Math Computations	-	-	+	+					-	-	-	-						-		+	-	-		+
COGNITIVE CONCEPTUAL SKILLS	Raven's	-	-	-	-	-	-																+		
	Reading	-													-										▨
	Math Concepts		-	+	+		-		-	-	-						-								+
	Math Problem Solving						-		-		-														+
AFFECTIVE OUTCOMES	Coopersmith	-	-				-																		
	IARS (-)									-	-		-		+				-						
	IARS (+)																								-
	Total Reading					-	-								-	-	-								▨
	Total Math		-	+	+		-		-	-	-		-										-		+
	Language Part A																+				-				+
	Language Part B	-	-							-	-				+		+				+		-		

NATIONAL NORMS[b]		SITE FT SAMPLE											
Outcome Measures	MAT Sample												
Reading	20%	17	10	54	49	35	28	39	53	10	69	74	48
Math	12%	42	10	52	51	47	22	24	38	10	50	75	40
Spelling	22%	30	29	48	40	35	44	41	44	15	69	69	52
Language	14%	72	49	67	60	65	44	37	38	50	62	74	48

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

[b] Percentage of children performing one or more years below grade level

KEY:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Untrustworthy effect

Table F10-(7)

SUMMARY OF EFFECTS FOR SITES IN THE DIRECT INSTRUCTION MODEL, BY OUTCOME BY COHORT STREAM BY ANALYSIS

DOMAIN	OUTCOME MEASURE	SITE: New York, NY				Grand Rapids, MI				West Iron Co., MI		Flint, MI				Providence, RI		E. St. Louis, IL		Racine, WI		Dayton, OH		Tupelo, MS				Williamsburg Co., SC				E. St. Louis, IL	
	COHORT STREAM	III-K		II-K		III-K		II-K		III-K		III-K		II-K		III-K		II-K		II-K		III-EF		III-EF		II-EF		III-EF		II-EF		II-EF	
	ANALYSIS[a]	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA
BASIC SKILLS	Word Knowledge									▨	-					▨	▨ +			-	-			-	▨	▨	▨ -	+	+	+	+		▨ +
	Spelling				-				-		-		+		-		▨ +		▨ +	-	-	-	-		▨		▨	+	+		+		▨ +
	Language	+	+	+	+		-		-			+	+	+	+	+	▨ +	+	+			+	+		▨ +	▨	▨	+	+	+	+	+	+
	Math Computations	+	+									+	+	+	+	+	▨ +	+	+		-	+	+		▨ +	▨	▨ -	+	+		+	+	+
COGNITIVE CONCEPTUAL SKILLS	Raven's				-						▨	-	-		+					-	-			▨	▨ +	▨	▨ -		+				-
	Reading						+			▨	-		+			▨	▨ +				-		+	-	▨	▨	▨ -	+	+		+		▨ +
	Math Concepts	+	+		-		-			▨	-		+	+	+	▨ +	▨ +		+		-	+	+		▨	▨	▨ -	+	+	+	+	+	+
	Math Problem Solving	+	+								-	+	+	+	+	▨ +	▨ +		▨ +		-	+	+		▨ +	-	▨ -	+	+		+	+	+
AFFECTIVE OUTCOMES	Coopersmith		-				-					-	-		-				▨ +						▨	▨		+	+		+		+
	IARS (-)						+										+										-	+	+				▨ +
	IARS (+)								-		+						+				-	+	+	▨ -	▨			+	+	+	+		+
	Total Reading									▨	-					▨	▨ +			-	-			-	▨	▨	▨ -	+	+	+	+		▨ +
	Total Math	+	+				-			▨	-	+	+	+	+	▨ +	▨ +		+		-	+	+		▨	▨	▨ -	+	+		+	+	+
	Language Part A		+		+				-				+	+	+		▨ +		+		-	+	+		▨ +	▨	▨ -	+	+	+	+	+	+
	Language Part B	+	+	+	+		-		-			+	+	+	+	+	▨ +	+	+			+	+		▨ +	▨	▨	+	+	+	+	+	+

NATIONAL NORMS[b]		SITE FT SAMPLE															
Outcome Measures	MAT Sample																
Reading	20%	18	10	41	36	12	3	16	25	16	22	43	38	46	45	62	39
Math	12%	7	10	41	46	0	9	11	14	2	7	14	15	28	37	38	11
Spelling	22%	18	7	36	33	16	6	20	27	16	24	45	34	44	38	54	28
Language	14%	11	14	77	72	12	17	17	22	11	15	29	24	26	42	38	13

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

[b] Percentage of children performing one or more years below grade level

KEY:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Untrustworthy effect

Table F10-(8)

SUMMARY OF EFFECTS FOR SITES IN THE BEHAVIOR ANALYSIS MODEL, BY OUTCOME BY COHORT STREAM BY ANALYSIS

DOMAIN	OUTCOME MEASURE	SITE: New York, NY				Philadelphia, PA				Portageville, MO				Trenton, NJ		Kansas City, MO				Louisville, KY				Waukegan, IL	
	COHORT STREAM	III-K		II-K		III-K		II-K		III-K		II-K		III-K		III-K		II-K		III-K		II-K		III-K	
	ANALYSIS[a]	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA
BASIC SKILLS	Word Knowledge	-	-	-	-					▨	▨	-	-		▨				-						+
	Spelling	-	-	-	-					▨	▨	-	-		▨		+								
	Language	-	-	-	-			-	-	▨		-			▨				-					+	+
	Math Computations			-		+	+				+				+				-	+	+		+		+
COGNITIVE CONCEPTUAL SKILLS	Raven's	-	-			-	-	-	-		-				▨		-		-						▨
	Reading	-	-	-	-						-	-			▨		-		-						
	Math Concepts	-	-	-	-						▨	-	-	+	+			-	-	+	+		-		-
	Math Problem Solving	-	-	-	-				-			-	-						-						
AFFECTIVE OUTCOMES	Coopersmith	-	-		+								-		▨		+								+
	IARS (-)		-										-	+	+				-	+	+		+		
	IARS (+)		-								-		-	+	▨		-								
	Total Reading	-	-	-	-					▨	▨	-	-		▨				-						+
	Total Math	-	-	-	-	+	+			▨	▨	-	-		+				-	+	+				
	Language Part A	-	-		-										▨				-						
	Language Part B	-	-	-	-			-	-			-			+									+	+

NATIONAL NORMS[b]		SITE FT SAMPLE											
Outcome Measures	MAT Sample												
Reading	20%	31	36	45	46	7	7	38	29	37	42	49	21
Math	12%	37	31	34	52	7	11	22	44	54	32	43	19
Spelling	22%	37	28	30	33	2	9	30	24	31	44	43	24
Language	14%	69	61	62	78	27	31	73	70	73	64	72	45

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

[b] Percentage of children performing one or more years below grade level

KEY:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Untrustworthy effect

Table F10-(9)

SUMMARY OF EFFECTS FOR SITES IN THE COGNITIVE CURRICULUM MODEL, BY OUTCOME BY COHORT STREAM BY ANALYSIS

DOMAIN	OUTCOME MEASURE	SITE: New York, NY				Okaloosa Co., FL				Greeley, CO		Seattle, WA		Chicago, IL				Leflore Co., MS	
	COHORT STREAM	III-K		II-K		III-K		II-K		III-K		III-K		III-K		II-K		II-EF	
	ANALYSIS[a]	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA
BASIC SKILLS	Word Knowledge		-	-	-	▨	▨	▨	▨ -				-	-	-				+
	Spelling			-	-		▨	▨	▨ -				-	-	-			+	+
	Language	-	-	-	-	▨ -	▨ -	▨	▨ -		+		▨ -						
	Math Computations			-	-		[illegible]	[illegible]	[illegible]						-		-		
COGNITIVE CONCEPTUAL SKILLS	Raven's		-	-	-	▨	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		▨				+		
	Reading	-	-	-	-	▨	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			-	▨			
	Math Concepts			-	-		▨ -	[illegible]	[illegible]					-	-	▨	▨		+
	Math Problem Solving			-	-	▨	▨	▨	▨						-				
AFFECTIVE OUTCOMES	Coopersmith						-		-				-				+		
	IARS (-)								-				-						
	IARS (+)						▨		-										
	Total Reading		-	-	-	▨	▨	▨	▨ -			▨	-	-	-		▨		
	Total Math			-	-	▨	▨	▨	▨ -					-	-				
	Language Part A		-	-	-	▨	▨	▨ -	▨ -							+	+		
	Language Part B	-	-	-	-	-	▨ -	▨	▨ -			-	▨ -				-		

NATIONAL NORMS[b]		SITE FT SAMPLE								
Outcome Measures	MAT Sample									
Reading	20%	41	47	68	85	20	49	84	47	60
Math	12%	39	57	65	83	15	51	74	65	54
Spelling	22%	11	43	70	88	25	40	68	41	40
Language	14%	89	85	84	94	60	67	87	65	77

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

[b] Percentage of children performing one or more years below grade level

KEY:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Untrustworthy effect

Table F10-(10)

SUMMARY OF EFFECTS FOR SITES IN THE PARENT EDUCATION MODEL, BY OUTCOME BY COHORT STREAM BY ANALYSIS

DOMAIN	OUTCOME MEASURE	Philadelphia, PA				Richmond, VA				Yakima, WA		Houston, TX				Lawrenceburg, IN		Jacksonville, FL		Jonesboro, AR		Chattanooga, TN		Hillsborough, FL	
	COHORT STREAM	III-K		II-K		III-K		II-K		III-K		III-K		II-K		III-K		II-K		II-EF		II-EF		II-EF	
	ANALYSIS[a]	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA
BASIC SKILLS	Word Knowledge		-	-	-		+				+	+	▨	+	+					▨	▨				
	Spelling	-	-	-	-		+		+			+	▨	+	+					▨	▨				
	Language			-	-								▨		+	-	-				▨				
	Math Computations		-		-		+					+	▨	+	+	-	-				+				
COGNITIVE CONCEPTUAL SKILLS	Raven's		-						+			+	▨				▨								
	Reading			-	-		+						▨		+	-	-			▨	▨				
	Math Concepts	-	-	-	-				+				▨	+	+		-			▨	▨				+
	Math Problem Solving			-	-		+		+		-		▨		+		-				+				
AFFECTIVE OUTCOMES	Coopersmith								+						-					+	+				
	IARS (-)						+									+	+					-	-		
	IARS (+)		-				+					+	▨				+								
	Total Reading			-	-		+				+		▨	+	+		-			▨	▨				
	Total Math	-	-	-	-		+						▨	+	+		-			▨	▨				+
	Language Part A			-	-				+				▨	+	+		-			+	▨				
	Language Part B			-	-				-				-			-	-								

NATIONAL NORMS[b]		SITE FT SAMPLE											
Outcome Measures	MAT Sample												
Reading	20%	64	74	26	31	27	49	46	11	57	20	71	63
Math	12%	64	69	23	51	37	52	39	17	57	14	60	44
Spelling	22%	67	63	18	26	27	49	39	9	71	16	65	50
Language	14%	78	91	64	71	55	81	75	49	79	34	81	69

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

[b] Percentage of children performing one or more years below grade level

KEY:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Untrustworthy effect

Table F10-(11)

SUMMARY OF EFFECTS FOR SITES IN THE EDC MODEL, BY OUTCOME BY COHORT STREAM BY ANALYSIS

DOMAIN	OUTCOME MEASURE	SITE																			
		Philadelphia, PA				Burlington, VT		Lackawanna Co., PA		Morgan Comm. Sch., DC		Paterson, NJ				Chicago, IL		Laurel, DE		Johnston Co., NC	
		COHORT STREAM																			
		III-K		II-K		III-K		III-K		III-K		III-K		II-K		II-K		II-EF		II-EF	
	ANALYSIS[a]	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA
BASIC SKILLS	Word Knowledge			-	-				▨					-	-		-	-		-	▨
	Spelling	-	-	-	-				▨					-	-						▨
	Language				-		-										-			▨	▨
	Math Computations							-	-						-		-			-	▨
COGNITIVE CONCEPTUAL SKILLS	Raven's																			▨	▨
	Reading			-	-				▨					-	-		-	-	-	-	▨
	Math Concepts			-	-				▨						-		-			-	▨
	Math Problem Solving			-	-				▨					-	-		-			-	▨
AFFECTIVE OUTCOMES	Coopersmith									+	+				-					-	▨
	IARS (-)			-	-		▨		+		+		▨	-	-		-				
	IARS (+)			-	-		▨				+							-	-		▨
	Total Reading			-	-				▨					-	-		-	-	-	-	▨
	Total Math			-	-			-							-	-	-			-	▨
	Language Part A						-		+						-						▨
	Language Part B				-		▨									-	-			▨	▨

NATIONAL NORMS[b]		SITE FT SAMPLE									
Outcome Measures	MAT Sample										
Reading	20%	54	63	30	6	73	70	79	86	36	56
Math	12%	48	53	30	10	53	48	69	86	28	55
Spelling	22%	49	60	45	16	60	58	82	86	35	54
Language	14%	70	73	90	33	87	88	87	100	55	75

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

[b] Percentage of children performing one or more years below grade level

KEY:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Untrustworthy effect

Table F10-(1)

SUMMARY OF EFFECTS FOR SITES IN THE SELF-SPONSORED MODEL, BY OUTCOME BY COHORT STREAM BY ANALYSIS

DOMAIN	OUTCOME MEASURE	Detroit, MI		New York, NY		Philadelphia, PA		Portland, OR		San Diego, CA	
	COHORT STREAM	II-K		II-K		II-K		II-K		II-K	
	ANALYSIS[a]	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA
BASIC SKILLS	Word Knowledge		-						+		-
	Spelling		-						+		-
	Language		-							-	-
	Math Computations							+	+	-	-
COGNITIVE CONCEPTUAL SKILLS	Raven's			▨	▨						-
	Reading		-						+		-
	Math Concepts	-	-	▨					+		-
	Math Problem Solving		-	▨					+		-
AFFECTIVE OUTCOMES	Coopersmith										-
	IARS (-)								+		-
	IARS (+)								+		-
	Total Reading		-						+		-
	Total Math		-	▨					+	-	-
	Language Part A								+		-
	Language Part B		-	-	-					-	-

NATIONAL NORMS[b]		SITE FT SAMPLE				
Outcome Measures	MAT Sample					
Reading	20%	40	19	44	21	57
Math	12%	33	25	58	26	53
Spelling	22%	40	25	35	23	50
Language	14%	71	69	77	53	87

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

[b] Percentage of children performing one or more years below grade level

KEY:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Untrustworthy effect

Table F10-(12)

SUMMARY OF EFFECTS FOR SITES IN THE IELP MODEL, BY OUTCOME BY COHORT STREAM BY ANALYSIS

		SITE					
		Lock Haven, PA		Montevideo, MN		Akron, OH	
		COHORT STREAM					
		III-K		III-K		III-K	
DOMAIN	OUTCOME MEASURE	ANALYSIS[a] PALA	PAPA	PALA	PAPA	PALA	PAPA
BASIC SKILLS	Word Knowledge	-					
	Spelling				+	-	-
	Language	-	-	-	-	-	-
	Math Computations	-	-	-	-		
COGNITIVE CONCEPTUAL SKILLS	Raven's		▨			+	+
	Reading	-	-	+	+	-	-
	Math Concepts	-	-				
	Math Problem Solving		-				
AFFECTIVE OUTCOMES	Coopersmith						-
	IARS (-)			+	+		
	IAPS (+)		-				
	Total Reading	-					-
	Total Math	-	-				
	Language Part A					-	-
	Language Part B	-	-	-	-	-	-

NATIONAL NORMS[b]		SITE FT SAMPLE		
Outcome Measures	MAT Sample			
Reading	20%	20	1	45
Math	12%	43	8	47
Spelling	22%	16	1	34
Language	14%	64	22	86

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

[b] Percentage of children performing one or more years below grade level

KEY:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Untrustworthy effect

Table F10-(13)

SUMMARY OF EFFECTS FOR SITES IN THE INTERDEPENDENT LEARNING MODEL, BY OUTCOME BY COHORT STREAM BY ANALYSIS

DOMAIN	OUTCOME MEASURE	SITE: New York, NY				SITE: Atlanta, GA	
	COHORT STREAM	III-K		II-K		III-K	
	ANALYSIS[a]	PALA	PAPA	PALA	PAPA	PALA	PAPA
BASIC SKILLS	Word Knowledge		-				
	Spelling		-	-	-		
	Language	-	-		-		+
	Math Computations			-	-		
COGNITIVE CONCEPTUAL SKILLS	Raven's			-	-		
	Reading	-	-		-		
	Math Concepts				-		
	Math Problem Solving			-	-		
AFFECTIVE OUTCOMES	Coopersmith		-	-	-		-
	IARS (-)		-				
	IARS (+)		-				
	Total Reading		-				
	Total Math			-	-		
	Language Part A		-		-		+
	Language Part B	-	-		-		+

NATIONAL NORMS[b]		SITE FT SAMPLE		
Outcome Measures	MAT Sample			
Reading	20%	25	28	58
Math	12%	36	41	61
Spelling	22%	39	37	41
Language	14%	72	80	67

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

[b] Percentage of children performing one or more years below grade level

KEY:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
■ Untrustworthy effect

Table F10-(14)

SUMMARY OF EFFECTS FOR SITES IN THE SEDL MODEL, BY OUTCOME BY COHORT STREAM BY ANALYSIS

DOMAIN	OUTCOME MEASURE	Philadelphia, PA				Los Angeles, CA		Tulare, CA				St. Martin Par., LA				San Diego, TX	
	COHORT STREAM	III-K		II-K		III-K		III-K		II-K		III-K		II-K		III-K	
	ANALYSIS[a]	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA
BASIC SKILLS	Word Knowledge	-	-		-			+	+	-	-			-	-		-
	Spelling	-	-	-	-			+	+	-	-		-		-	-	-
	Language				-		+	+	+								+
	Math Computations						▨	+	+		-						+
COGNITIVE CONCEPTUAL SKILLS	Raven's				-										▨		
	Reading				-			+	+	-				-	-		-
	Math Concepts							+	+		-						
	Math Problem Solving								+	-	-				-		
AFFECTIVE OUTCOMES	Coopersmith				-				+		-						
	IARS (-)														+		▨
	IARS (+)						+				-		-				
	Total Reading		-		-			+	+	-	-			-	-		-
	Total Math							+	+		-						+
	Language Part A				-												+
	Language Part B				-		+	+	+		+						+

NATIONAL NORMS[b]		SITE FT SAMPLE							
Outcome Measures	MAT Sample								
Reading	20%	75	67	45	35	53	60	74	54
Math	12%	54	49	29	42	38	49	56	29
Spelling	22%	63	58	42	40	50	59	61	45
Language	14%	77	80	76	63	78	73	75	64

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

[b] Percentage of children performing one or more years below grade level

KEY:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Untrustworthy effect

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Table F10-(18)

SUMMARY OF EFFECTS FOR SITES IN THE CLA MODEL, BY OUTCOME BY COHORT STREAM BY ANALYSIS

		SITE			
		Chicago, IL		Topeka, KS	
		COHORT STREAM			
		III-K		III-K	
DOMAIN	OUTCOME MEASURE	ANALYSIS[a] PALA	PAPA	PALA	PAPA
BASIC SKILLS	Word Knowledge				-
	Spelling	+	+		
	Language			-	-
	Math Computations	+			
COGNITIVE CONCEPTUAL SKILLS	Raven's				
	Reading			-	-
	Math Concepts				
	Math Problem Solving				-
AFFECTIVE OUTCOMES	Coopersmith				
	IARS (-)				-
	IARS (+)				-
	Total Reading				-
	Total Math				
	Language Part A	+			-
	Language Part B			-	-

NATIONAL NORMS[b]		SITE FT SAMPLE	
Outcome Measures	MAT Sample		
Reading	20%	43	31
Math	12%	30	27
Spelling	22%	30	23
Language	14%	80	77

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

[b] Percentage of children performing one or more years below grade level

KEY:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Untrustworthy effect

Table F10-(21)

SUMMARY OF EFFECTS FOR SITES IN THE HOME-SCHOOL PARTNERSHIP MODEL, BY OUTCOME BY COHORT STREAM BY ANALYSIS

		SITE			
		New York, NY			
		COHORT STREAM			
		III-K		II-K	
DOMAIN	OUTCOME MEASURE	ANALYSIS[a] PALA	PAPA	PALA	PAPA
BASIC SKILLS	Word Knowledge			-	-
	Spelling			-	-
	Language		-	-	-
	Math Computations			-	-
COGNITIVE CONCEPTUAL SKILLS	Raven's		-		
	Reading			-	-
	Math Concepts			-	-
	Math Problem Solving			-	-
AFFECTIVE OUTCOMES	Coopersmith				
	IARS (-)				-
	IARS (+)				
	Total Reading			-	-
	Total Math			-	-
	Language Part A			-	-
	Language Part B		-	-	-

NATIONAL NORMS[b]		SITE FT SAMPLE	
Outcome Measures	MAT Sample		
Reading	20%	34	48
Math	12%	28	30
Spelling	22%	28	39
Language	14%	66	78

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

[b] Percentage of children performing one or more years below grade level

KEY:	
+	FT-favoring effect
-	NFT-favoring effect
blank	Null effect
▨	Untrustworthy effect

Table F10-(22)

SUMMARY OF EFFECTS FOR SITES IN THE CALIFORNIA PROCESS MODEL, BY OUTCOME BY COHORT STREAM BY ANALYSIS

DOMAIN	OUTCOME MEASURE	SITE															
		Los Angeles, CA				Ravenswood, CA				Oakland, CA		San Jose, CA				Lamont, CA	
	COHORT STREAM	III-K		II-K		III-K		II-K		III-K		III-K		II-K		II-K	
	ANALYSIS[a]	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA	PALA[c]	PAPA	PALA	PAPA	PALA	PAPA	PALA	PAPA
BASIC SKILLS	Word Knowledge	▨	+				-		+		-	▨	-	▨	▨		▨
	Spelling		+				-					▨	▨		▨		▨
	Language		+				-				-		▨	-	-	-	▨
	Math Computations	+	+				-		+			▨			-		
COGNITIVE CONCEPTUAL SKILLS	Raven's			+	+				+		-		▨		▨		
	Reading		+								-	▨	-	-	▨		-
	Math Concepts		+				-				-	▨	-	-	▨		▨
	Math Problem Solving						-				-		-	▨	▨		▨
AFFECTIVE OUTCOMES	Coopersmith						+		+		-		▨				▨
	IARS (-)										-		-				-
	IARS (+)										-		+		-		-
	Total Reading		+				-				-	▨	-	▨	▨		-
	Total Math		+				-		+			▨	-	-	▨		▨
	Language Part A				+		-				-	▨	▨	-	▨		▨
	Language Part B												▨	-	-	-	▨

NATIONAL NORMS[b]		SITE FT SAMPLE							
Outcome Measures	MAT Sample								
Reading	20%	46	49	62	38	55	64	62	54
Math	12%	41	51	50	36	38	52	43	54
Spelling	22%	40	53	47	31	47	45	41	54
Language	14%	72	75	88	82	79	94	84	85

KEY:	
+	FT-favoring effect
-	NFT-favoring effect
blank	Null effect
▨	Untrustworthy effect

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

[b] Percentage of children performing one or more years below grade level

[c] No FT/NFT comparison computed; size of adjustment not tested due to lack of local NFT group.

Table F10-(23)

SUMMARY OF EFFECTS FOR SITES IN THE NSA MODEL, BY OUTCOME BY COHORT STREAM BY ANALYSIS

DOMAIN	OUTCOME MEASURE	SITE: Great Falls, MT COHORT STREAM: III-K ANALYSIS[a]: PALA	SITE: Great Falls, MT COHORT STREAM: III-K ANALYSIS[a]: PAPA	SITE: Clear Lake, WA COHORT STREAM: III-K ANALYSIS[a]: PALA	SITE: Clear Lake, WA COHORT STREAM: III-K ANALYSIS[a]: PAPA
BASIC SKILLS	Word Knowledge		▨	▨ -	-
	Spelling			-	-
	Language	▨		▨ -	-
	Math Computations			-	-
COGNITIVE CONCEPTUAL SKILLS	Raven's				
	Reading		▨	▨ -	-
	Math Concepts	-	▨ -	-	-
	Math Problem Solving			-	-
AFFECTIVE OUTCOMES	Coopersmith				-
	IARS (-)				
	IARS (+)			-	-
	Total Reading		▨	▨ -	-
	Total Math		▨	-	-
	Language Part A			-	-
	Language Part B	▨		▨ -	-

NATIONAL NORMS[b] Outcome Measures	NATIONAL NORMS[b] MAT Sample	SITE FT SAMPLE	
Reading	20%	18	30
Math	12%	24	15
Spelling	22%	18	27
Language	14%	55	42

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

[b] Percentage of children performing one or more years below grade level

KEY:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Untrustworthy effect

Table F10-(6)

SUMMARY OF EFFECTS FOR SITES IN THE MATHEMAGENIC ACTIVITIES MODEL, BY OUTCOME BY COHORT STREAM BY ANALYSIS

DOMAIN	OUTCOME MEASURE	SITE: Gulfport, MS COHORT STREAM: III-EF ANALYSIS[a]: PALA	Gulfport, MS III-EF PAPA	Pickens Co., GA III-EF PALA	Pickens Co., GA III-EF PAPA	Lee Co., VA III-EF PALA	Lee Co., VA III-EF PAPA
BASIC SKILLS	Word Knowledge				-		
	Spelling				-	+	+
	Language		-		■		
	Math Computations	+	+			+	+
COGNITIVE CONCEPTUAL SKILLS	Raven's						+
	Reading		-		-		+
	Math Concepts						+
	Math Problem Solving				■		+
AFFECTIVE OUTCOMES	Coopersmith		+		■		
	IARS (-)	-	-		-		-
	IARS (+)				-		
	Total Reading	-	-		-		+
	Total Math		+		■	+	+
	Language Part A	-	-				
	Language Part B				■		+

NATIONAL NORMS[b]: Outcome Measures	MAT Sample	SITE FT SAMPLE: Gulfport, MS	Pickens Co., GA	Lee Co., VA
Reading	20%	52	30	30
Math	12%	32	17	17
Spelling	22%	33	20	22
Language	14%	66	58	39

[a] PALA: Preschool Adjusted Local Analysis
PAPA: Preschool Adjusted Pooled Analysis

[b] Percentage of children performing one or more years below grade level

KEY:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
■ Untrustworthy effect

PART 4

MODEL LEVEL TABLES: WITHIN COHORT STREAMS

Table F11-(2)-IIK

SUMMARY OF EFFECTS FOR RESPONSIVE EDUCATION MODEL IN COHORT II-K, BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS PBLA[a] Head Start	 PBLA[a] Some Preschool	 PBLA[a] No Preschool	 PBPA[b] Head Start	 PBPA[b] Some Preschool	 PBPA[b] No Preschool
BASIC SKILLS	Word Knowledge			-			-
	Spelling						
	Language						
	Math Computations						-
COGNITIVE CONCEPTUAL SKILLS	Raven's						-
	Reading	-					-
	Math Concepts				-		-
	Math Problem Solving						
AFFECTIVE MEASURES	Coopersmith						-
	IARS(-)				-		
	IARS(+)						
	Total Reading			-			-
	Total Math						-
	Language Part A						
	Language Part B						

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
■ Sample size of less than 30 children in FT and/or NFT

Table F12-(2)-IIK

SUMMARY OF EFFECTS IN COHORT II-K SITES IN THE RESPONSIVE EDUCATION MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE																																		
	Berkeley, CA					Buffalo, NY					Duluth, MN					Fresno, CA					Lebanon, NH					Salt Lake City, UT					Tacoma, WA				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge									-		-	-	-	-	-									+				▨	▨	-	-		▨	▨	-
Spelling					-					-	-		-	-	-					-									▨	-	-	-	-	▨	-
Language									-	-	-	-	-	-	-				+	+								▨	▨				▨	▨	
Math Computations					+		-	-	-		-	-	-	-	-												+	+	▨ +	+	-	-		▨	-
Raven's																-	-	-	-	-					-				-	-					
Reading					+	-	-	-	-	-	-	-	-	-	-														▨	-			▨	▨	-
Math Concepts						-	-	-	-	-	-	-	-	-	-					-								▨	▨				▨	▨	-
Math Problem Solving						-	-	-	-	-	-	-	-	-	-														▨ +				▨	▨	-
Coopersmith					+					+	-	-	-	-						+				+	+				▨ +		-				
IARS (-)	+	+	+	+	+				-																	-			-		-				-
IARS (+)	+				+														-	-											-	-	-	▨	-
Total Reading									-	-	-	-	-	-	-													▨	▨	-			▨	▨	-
Total Math						-		-	-	-	-		-	-	-														▨ +		-		▨	▨	-
Language Part A					+															+					+			▨	▨			-	▨	▨	
Language Part B									-	-	-	-	-	-	-	+		+	+	+								▨	▨		-		▨	▨	

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(2)-IIK

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT II-K CHILDREN IN THE RESPONSIVE EDUCATION MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPU-LATION	SITES															
		All[a]		Berkeley, CA		Buffalo, NY		Duluth, MN		Fresno, CA		Lebanon, NH		Salt Lake City, UT		Tacoma, WA	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT
TOTAL READING																	
Third Grade Median	61.0	54.9	58.6	63.9	63.3	50.0	52.8	58.4	64.9	48.5	48.8	62.5	59.7	52.6	59.2	48.5	61.7
Median Percentile	50	30	42	60	58	16	24	40	64	12	14	54	46	24	42	12	54
Grade Equivalent	3.5	2.9	3.3	3.8	3.7	2.4	2.7	3.2	3.9	2.3	2.4	3.6	3.4	2.7	3.3	2.3	3.6
% 1 Year or More Below Grade Level	20	37	26	19	21	59	31	21	9	57	55	7	19	43	23	56	23
TOTAL MATHEMATICS																	
Third Grade Median	70.5	60.7	64.6	69.1	67.5	61.0	66.8	64.8	72.0	54.0	55.5	62.2	61.0	61.0	63.2	53.0	65.9
Median Percentile	50	20	32	44	40	20	38	32	56	9	11	23	20	20	26	8	34
Grade Equivalent	3.8	3.0	3.3	3.6	3.6	3.0	3.5	3.3	3.9	2.4	2.6	3.1	3.0	3.0	3.2	2.4	3.4
% 1 Year or More Below Grade Level	12	40	32	19	24	37	35	23	12	64	57	21	29	49	32	64	38
SPELLING																	
Third Grade Median	64.0	56.0	59.9	65.0	60.0	47.0	51.5	62.9	66.7	50.5	56.8	62.0	58.1	59.2	62.2	45.7	63.8
Median Percentile	50	26	38	54	38	10	18	48	60	14	30	44	32	36	44	9	50
Grade Equivalent	3.6	2.8	3.1	3.7	3.1	2.2	2.5	3.5	4.1	2.4	2.9	3.4	3.0	3.0	3.4	2.1	3.6
% 1 Year or More Below Grade Level	22	40	28	27	28	64	54	19	14	59	42	14	24	26	16	74	21
LANGUAGE																	
Third Grade Median	70.0	56.7	59.9	60.4	60.7	55.1	59.5	59.3	63.6	53.4	49.0	58.0	61.2	56.7	62.0	54.2	63.2
Median Percentile	50	20	26	26	28	14	26	23	34	11	7	22	28	20	30	12	32
Grade Equivalent	4.0	2.7	3.0	3.0	3.1	2.5	3.0	2.9	3.3	2.4	2.0	2.8	3.1	2.7	3.2	2.4	3.2
% 1 Year or More Below Grade Level	14	68	53	51	49	77	54	62	45	89	88	57	38	63	48	79	46

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(2)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	155	144	62	361	53	99	162	314
FALL KINDERGARTEN WRAT								
MEAN	31.15	39.53	32.52	34.73	30.45	39.31	34.78	35.48
STANDARD DEVIATION	12.20	16.31	14.94	14.93	12.25	14.46	13.44	13.87
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.56	15.63	14.74	14.56	13.80	15.85	14.82	14.98
STANDARD DEVIATION	1.88	2.84	2.28	2.53	1.85	2.99	1.97	2.42
NUMBER	130	112	54	296	49	95	159	303
FAMILY INCOME IN DOLLARS								
MEAN	4766.87	6490.92	6901.73	5791.77	5765.18	7442.84	7538.21	7219.99
STANDARD DEVIATION	2418.70	3063.12	2590.12	2858.12	2476.98	3002.10	2555.93	2762.23
MEDIAN	4160.39	6416.83	7312.87	5500.00	5500.00	9312.87	8305.94	7989.15
NUMBER	133	114	51	298	49	97	156	302
FAMILY INCOME GE 9999								
PERCENT	4.51	30.70	23.53	17.79	12.24	46.39	25.00	29.80
CHILDS ETHNICITY								
PERCENT WHITE	38.71	34.97	64.52	41.67	41.51	47.96	81.48	64.22
PERCENT BLACK	49.68	55.56	16.13	46.39	39.62	39.80	10.49	24.60
CHILDS SEX								
PERCENT FEMALE	45.81	50.00	46.77	47.65	39.62	47.96	54.14	49.68
ENTRY AGE IN MONTHS								
MEAN	68.08	67.42	69.39	68.30	69.32	67.80	69.09	68.72
STANDARD DEVIATION	3.73	3.50	3.51	3.67	4.97	3.85	3.83	4.08
PRIMARY LANGUAGE								
PERCENT ENGLISH	96.13	95.07	96.77	96.08	94.34	93.94	99.38	96.82
MOTHERS EDUCATION IN YEARS								
MEAN	11.88	13.48	11.62	12.43	11.68	13.64	12.73	12.76
STANDARD DEVIATION	2.25	3.59	3.15	3.08	2.52	3.44	1.74	2.64
NUMBER	131	111	56	298	47	96	161	304
PERCENT HS GRAD	52.67	72.07	55.36	60.40	36.17	75.00	75.16	69.08
FEMALE HEADED HOUSEHOLD								
PERCENT	44.93	35.00	16.07	35.99	28.00	27.27	18.52	22.83
NUMBER	138	120	56	314	50	99	162	311
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	42.94	100.00	0.00	0.00	16.88
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	39.89	0.00	100.00	0.00	31.53
PERCENT NO PRESCHOOL	0.00	0.00	100.00	17.17	0.00	0.00	100.00	51.59

Table F15-(2)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN BUFFALO, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	35	36	2	73	9	15	2	26
FALL KINDERGARTEN WRAT								
MEAN	31.89	28.03	21.00	29.68	23.22	31.13	21.00	27.62
STANDARD DEVIATION	12.92	13.05	5.66	12.96	12.10	12.46	1.41	12.32
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.08	13.13	13.00	13.44	13.75	12.83	15.00	13.36
STANDARD DEVIATION	1.99	1.55	0.00	1.77	1.49	1.70	1.41	1.68
NUMBER	22	15	2	39	8	12	2	22
FAMILY INCOME IN DOLLARS								
MEAN	5586.96	5916.50	0.00	5731.63	6749.87	6268.92	8000.00	6586.74
STANDARD DEVIATION	2452.51	2573.63	0.00	2480.04	2659.04	3038.34	2121.32	2782.18
MEDIAN	5625.00	5083.17	0.00	5375.25	6249.50	6000.00	8000.00	6500.00
NUMBER	23	18	0	41	8	13	2	23
FAMILY INCOME GE 9999								
PERCENT	0.00	16.67	0.00	7.32	12.50	30.77	0.00	21.74
CHILDS ETHNICITY								
PERCENT WHITE	0.00	5.56	0.00	2.74	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	94.44	100.00	97.26	100.00	100.00	100.00	100.00
CHILDS SEX								
PERCENT FEMALE	51.43	44.44	0.00	46.58	44.44	33.33	50.00	38.46
ENTRY AGE IN MONTHS								
MEAN	67.10	65.97	65.88	66.51	68.87	66.97	66.46	67.59
STANDARD DEVIATION	3.59	3.12	3.02	3.36	5.44	3.58	2.21	4.21
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.80	10.83	9.45	11.32	10.32	11.51	13.00	11.29
STANDARD DEVIATION	1.97	2.15	2.12	2.09	2.74	1.75	0.00	2.09
NUMBER	23	15	2	40	7	15	2	24
PERCENT HS GRAD	52.17	26.67	0.00	40.00	28.57	46.67	100.00	45.83
FEMALE HEADED HOUSEHOLD								
PERCENT	40.00	42.11	50.00	41.30	12.50	53.33	0.00	36.00
NUMBER	25	19	2	46	8	15	2	25
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	47.95	100.00	0.00	0.00	34.62
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	49.32	0.00	100.00	0.00	57.69
PERCENT NO PRESCHOOL	0.00	0.00	100.00	2.74	0.00	0.00	100.00	7.69

Table F15-(2)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN DULUTH, MN

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	30	10	33	73	19	5	53	77
FALL KINDERGARTEN WRAT								
MEAN	31.27	36.30	35.24	33.75	33.53	33.80	34.62	34.30
STANDARD DEVIATION	10.79	9.07	14.95	12.69	12.54	6.26	15.01	13.92
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.01	16.40	15.06	14.68	14.21	14.60	14.70	14.57
STANDARD DEVIATION	1.69	2.07	2.01	2.11	1.44	1.95	1.65	1.61
NUMBER	28	10	33	71	19	5	53	77
FAMILY INCOME IN DOLLARS								
MEAN	5327.52	6000.00	7370.71	6333.19	6222.17	9199.40	7768.96	7493.09
STANDARD DEVIATION	2395.08	2397.92	2265.26	2497.82	1872.46	1094.90	2339.63	2299.11
MEDIAN	5500.00	7090.00	7624.75	6312.87	6375.00	9332.67	8583.17	7928.71
NUMBER	29	9	31	69	18	5	52	75
FAMILY INCOME GE 9999								
PERCENT	6.90	0.00	25.81	14.49	5.56	60.00	26.92	24.00
CHILDS ETHNICITY								
PERCENT WHITE	90.00	100.00	93.94	93.06	94.74	100.00	98.11	97.40
PERCENT BLACK	3.33	0.00	0.00	1.39	0.00	0.00	0.00	0.00
CHILDS SEX								
PERCENT FEMALE	46.67	60.00	51.52	50.68	31.58	60.00	47.17	44.16
ENTRY AGE IN MONTHS								
MEAN	67.74	68.05	70.01	68.81	70.61	72.47	68.98	69.61
STANDARD DEVIATION	3.51	3.31	3.43	3.58	6.04	4.30	3.60	4.42
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.38	13.88	12.13	12.05	11.60	13.40	12.72	12.49
STANDARD DEVIATION	1.78	2.04	2.05	2.07	1.88	.89	1.69	1.77
NUMBER	29	9	33	71	19	5	53	77
PERCENT HS GRAD	37.93	88.89	60.61	54.93	36.84	100.00	79.25	70.13
FEMALE HEADED HOUSEHOLD								
PERCENT	44.83	30.00	15.15	29.17	26.32	20.00	15.09	18.18
NUMBER	29	10	33	72	19	5	53	77
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	41.10	100.00	0.00	0.00	24.68
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	13.70	0.00	100.00	0.00	6.49
PERCENT NO PRESCHOOL	0.00	0.00	100.00	45.21	0.00	0.00	100.00	68.83

Table F15-(2)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN FRESNO, CA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	10	28	6	44	12	19	9	40
FALL KINDERGARTEN WRAT								
MEAN	31.90	36.11	15.17	32.18	32.00	33.58	32.89	32.95
STANDARD DEVIATION	11.19	14.36	3.43	14.40	9.94	14.26	8.27	11.67
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.00	12.95	12.17	12.76	14.00	12.61	12.78	13.03
STANDARD DEVIATION	1.03	1.35	1.17	1.41	2.79	1.38	1.39	1.91
NUMBER	7	20	6	33	10	18	9	37
FAMILY INCOME IN DOLLARS								
MEAN	4357.14	4549.95	3700.00	4374.97	3990.01	3921.05	4777.78	4141.00
STANDARD DEVIATION	1973.33	2301.30	1788.85	2162.65	2636.06	2001.83	2658.84	2311.09
MEDIAN	4000.00	3916.67	3250.00	3875.00	3375.00	3812.50	4000.00	3687.50
NUMBER	7	20	5	32	11	19	9	39
FAMILY INCOME GE 9999								
PERCENT	0.00	5.00	0.00	3.13	9.09	0.00	0.00	2.56
CHILDS ETHNICITY								
PERCENT WHITE	0.00	7.14	0.00	4.55	0.00	0.00	11.11	2.50
PERCENT BLACK	70.00	57.14	33.33	56.82	66.67	57.89	33.33	55.00
CHILDS SEX								
PERCENT FEMALE	30.00	57.14	16.67	45.45	50.00	66.67	55.56	58.97
ENTRY AGE IN MONTHS								
MEAN	68.04	68.24	67.13	68.18	67.41	68.58	68.78	68.28
STANDARD DEVIATION	2.68	3.12	2.19	2.89	3.93	3.35	4.19	3.67
PRIMARY LANGUAGE								
PERCENT ENGLISH	80.00	78.57	66.67	77.27	83.33	68.42	88.89	77.50
MOTHERS EDUCATION IN YEARS								
MEAN	12.04	10.53	7.82	10.53	11.60	9.83	10.18	10.44
STANDARD DEVIATION	2.03	4.26	6.37	4.60	1.82	4.74	1.80	3.50
NUMBER	7	18	6	31	11	17	9	37
PERCENT HS GRAD	71.43	44.44	50.00	51.61	36.36	35.29	11.11	29.73
FEMALE HEADED HOUSEHOLD								
PERCENT	28.57	38.10	16.67	32.35	54.55	47.37	44.44	48.72
NUMBER	7	21	6	34	11	19	9	39
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	22.73	100.00	0.00	0.00	30.00
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	63.64	0.00	100.00	0.00	47.50
PERCENT NO PRESCHOOL	0.00	0.00	100.00	13.64	0.00	0.00	100.00	22.50

Table F15-(2)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN SALT LAKE CITY, UT

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	26	2	7	35	4	3	37	44
FALL KINDERGARTEN WRAT								
MEAN	27.05	40.50	26.86	28.23	36.25	25.00	34.57	34.07
STANDARD DEVIATION	12.82	.71	11.65	12.27	13.60	6.08	12.32	12.17
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.92	19.00	13.40	13.77	13.67	15.33	15.31	15.19
STANDARD DEVIATION	1.74	0.00	1.34	2.12	1.53	3.21	2.14	2.17
NUMBER	24	2	5	31	3	3	36	42
FAMILY INCOME IN DOLLARS								
MEAN	4108.65	4250.00	4857.14	4281.22	4666.67	8166.00	7205.76	7087.35
STANDARD DEVIATION	2290.96	1060.66	2495.23	2250.14	1040.83	3174.85	2483.50	2518.69
MEDIAN	3937.50	4250.00	4000.00	3950.00	5000.00	8624.25	8035.64	7964.36
NUMBER	23	2	7	32	3	3	34	40
FAMILY INCOME GE 9999								
PERCENT	4.35	0.00	0.00	3.13	0.00	66.67	11.76	15.00
CHILDS ETHNICITY								
PERCENT WHITE	53.85	50.00	14.29	45.71	50.00	66.67	89.19	84.09
PERCENT BLACK	3.85	0.00	0.00	2.86	0.00	0.00	0.00	0.00
CHILDS SEX								
PERCENT FEMALE	46.15	50.00	28.57	42.86	75.00	66.67	56.76	59.09
ENTRY AGE IN MONTHS								
MEAN	68.81	72.66	70.49	69.22	70.62	66.91	69.98	69.83
STANDARD DEVIATION	3.40	2.65	2.96	3.40	3.61	2.83	4.21	4.10
PRIMARY LANGUAGE								
PERCENT ENGLISH	88.46	100.00	100.00	91.43	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.05	12.97	10.67	11.09	9.12	12.32	12.99	12.67
STANDARD DEVIATION	3.44	2.86	2.38	3.17	3.18	1.18	1.35	1.76
NUMBER	24	2	7	33	3	3	37	43
PERCENT HS GRAD	37.50	50.00	14.29	33.33	0.00	66.67	81.08	74.42
FEMALE HEADED HOUSEHOLD								
PERCENT	44.00	50.00	28.57	41.18	33.33	0.00	18.92	18.60
NUMBER	25	2	7	34	3	3	37	43
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	74.29	100.00	0.00	0.00	9.09
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	5.71	0.00	100.00	0.00	6.82
PERCENT NO PRESCHOOL	0.00	0.00	100.00	20.00	0.00	0.00	100.00	84.09

Table F15-(2)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN TACOMA, WA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	36	2	1	39	6	5	28	39
FALL KINDERGARTEN WRAT								
MEAN	29.22	36.00	7.00	29.00	25.17	26.40	35.39	32.67
STANDARD DEVIATION	11.34	22.04	0.00	12.20	6.79	12.05	12.65	12.43
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.42	16.00	12.00	13.53	12.83	14.80	14.25	14.10
STANDARD DEVIATION	2.00	4.24	0.00	2.15	2.04	2.95	1.55	1.87
NUMBER	31	2	1	34	6	5	28	39
FAMILY INCOME IN DOLLARS								
MEAN	3764.71	6749.50	7500.00	4027.00	6499.67	8399.60	8124.61	7909.87
STANDARD DEVIATION	1899.90	4595.49	0.00	2169.62	2827.93	2161.80	2279.31	2369.62
MEDIAN	3050.00	6749.50	7500.00	3199.60	5250.00	9500.00	8916.83	8033.67
NUMBER	34	2	1	37	6	5	28	39
FAMILY INCOME GE 9999								
PERCENT	0.00	50.00	0.00	2.70	33.33	40.00	39.29	38.46
CHILDS ETHNICITY								
PERCENT WHITE	38.89	50.00	0.00	38.46	33.33	50.00	85.71	73.68
PERCENT BLACK	58.33	50.00	100.00	58.97	33.33	50.00	3.57	13.16
CHILDS SEX								
PERCENT FEMALE	44.44	0.00	0.00	41.03	16.67	40.00	52.17	44.12
ENTRY AGE IN MONTHS								
MEAN	71.26	71.13	67.03	71.14	68.79	69.56	68.81	68.90
STANDARD DEVIATION	3.06	7.28	0.00	3.24	3.87	3.31	3.90	3.74
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	12.25	11.47	13.00	12.23	11.22	13.47	12.37	12.37
STANDARD DEVIATION	1.65	4.99	0.00	1.80	2.39	3.03	1.54	1.86
NUMBER	33	2	1	36	4	4	28	36
PERCENT HS GRAD	63.64	50.00	100.00	63.89	50.00	50.00	64.29	61.11
FEMALE HEADED HOUSEHOLD								
PERCENT	58.82	0.00	0.00	54.05	16.67	0.00	10.71	10.26
NUMBER	34	2	1	37	6	5	28	39
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	92.31	100.00	0.00	0.00	15.38
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	5.13	0.00	100.00	0.00	12.82
PERCENT NO PRESCHOOL	0.00	0.00	100.00	2.56	0.00	0.00	100.00	71.79

Table F15-(2)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN BERKELEY, CA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	13	64	6	83	3	50	14	67
FALL KINDERGARTEN WRAT								
MEAN	39.54	48.08	36.17	45.88	29.33	46.72	30.29	42.51
STANDARD DEVIATION	13.34	15.58	10.23	15.36	21.73	12.66	17.14	15.63
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.77	16.95	17.00	16.40	12.47	17.94	15.92	17.32
STANDARD DEVIATION	1.88	2.53	10.23	2.69	1.15	1.83	2.50	2.32
NUMBER	13	61	1	75	3	50	12	65
FAMILY INCOME IN DOLLARS								
MEAN	5583.17	7459.19	8500.00	7172.91	6499.67	8719.36	5922.77	8067.61
STANDARD DEVIATION	2906.09	3176.49	10.23	3174.15	3121.94	2371.15	3551.88	2868.39
MEDIAN	5250.00	9200.00	8500.00	8666.33	5500.00	9870.47	5500.00	9815.16
NUMBER	12	62	1	75	3	50	13	66
FAMILY INCOME GE 9999								
PERCENT	16.67	48.39	0.00	42.67	33.33	66.00	30.77	57.58
CHILDS ETHNICITY								
PERCENT WHITE	0.00	51.56	16.67	40.96	0.00	72.00	21.43	58.21
PERCENT BLACK	92.31	45.31	83.33	55.42	66.67	22.00	78.57	35.82
CHILDS SEX								
PERCENT FEMALE	46.15	50.00	83.33	51.81	33.33	42.00	64.29	46.27
ENTRY AGE IN MONTHS								
MEAN	67.56	67.37	67.76	67.43	69.37	66.86	66.34	66.87
STANDARD DEVIATION	4.29	3.46	4.99	3.66	3.41	3.48	3.59	3.49
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	98.39	100.00	98.73	66.67	100.00	100.00	98.51
MOTHERS EDUCATION IN YEARS								
MEAN	12.99	15.00	15.00	14.70	9.33	15.76	14.23	15.17
STANDARD DEVIATION	1.57	3.01	0.00	2.90	6.35	1.66	1.54	2.41
NUMBER	11	63	1	75	3	50	13	66
PERCENT HS GRAD	72.73	88.89	100.00	86.67	66.67	98.00	92.31	95.45
FEMALE HEADED HOUSEHOLD								
PERCENT	30.77	34.38	0.00	33.33	0.00	18.00	35.71	20.90
NUMBER	13	64	1	78	3	50	14	67
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	15.66	100.00	0.00	0.00	4.48
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	77.11	0.00	100.00	0.00	74.63
PERCENT NO PRESCHOOL	0.00	0.00	100.00	7.23	0.00	0.00	100.00	20.90

Table F15-(2)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN LEBANON, NH

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	5	2	7	14	0	2	19	21
FALL KINDERGARTEN WRAT								
MEAN	35.20	40.00	44.00	40.29	0.00	37.50	40.42	40.14
STANDARD DEVIATION	12.83	2.83	11.83	11.55	0.00	4.95	10.25	9.83
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	14.80	14.50	17.33	15.85	0.00	17.50	15.37	15.57
STANDARD DEVIATION	2.97	2.12	2.07	2.67	0.00	2.12	2.19	2.23
NUMBER	5	2	6	13	0	2	19	21
FAMILY INCOME IN DOLLARS								
MEAN	6199.80	4000.00	9166.00	7499.58	0.00	8749.50	9083.00	9049.65
STANDARD DEVIATION	3179.81	2.12	1437.13	2828.03	0.00	1767.06	942.90	985.06
MEDIAN	5500.00	4000.00	9624.25	8750.00	0.00	8749.50	9249.50	9249.50
NUMBER	5	1	6	12	0	2	18	20
FAMILY INCOME GE 9999								
PERCENT	20.00	0.00	66.67	41.67	0.00	50.00	33.33	35.00
CHILDS ETHNICITY								
PERCENT WHITE	100.00	100.00	100.00	100.00	0.00	100.00	100.00	100.00
PERCENT BLACK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHILDS SEX								
PERCENT FEMALE	40.00	50.00	57.14	50.00	0.00	100.00	63.16	66.67
ENTRY AGE IN MONTHS								
MEAN	70.20	71.13	70.07	70.27	0.00	75.31	70.55	71.01
STANDARD DEVIATION	3.92	5.33	3.24	3.45	0.00	6.44	2.66	3.24
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	0.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	12.99	13.00	13.66	13.32	0.00	11.97	12.94	12.85
STANDARD DEVIATION	1.05	0.00	2.08	1.68	0.00	1.45	1.79	1.76
NUMBER	4	2	6	12	0	2	19	21
PERCENT HS GRAD	75.00	100.00	83.33	83.33	0.00	50.00	84.21	80.95
FEMALE HEADED HOUSEHOLD								
PERCENT	40.00	0.00	0.00	15.38	0.00	0.00	15.79	14.29
NUMBER	5	2	6	13	0	2	19	21
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	35.71	0.00	0.00	0.00	0.00
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	14.29	0.00	100.00	0.00	9.52
PERCENT NO PRESCHOOL	0.00	0.00	100.00	50.00	0.00	0.00	100.00	90.48

Table F16-(2)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	155	144	62	361	53	99	162	314
WORD KNOWLEDGE								
MEAN	21.49	25.53	25.61	23.81	22.81	27.89	30.38	28.32
STANDARD DEVIATION	11.06	12.98	12.61	12.26	11.84	13.23	10.68	11.87
SPELLING								
MEAN	13.79	18.06	18.53	16.31	14.43	19.64	21.98	19.97
STANDARD DEVIATION	11.44	13.93	12.23	12.60	12.98	12.07	11.48	12.88
LANGUAGE								
MEAN	14.39	17.83	17.58	16.37	14.06	19.17	20.22	19.00
STANDARD DEVIATION	7.31	9.73	8.53	8.68	8.42	11.25	9.06	9.85
RAVENS								
MEAN	16.03	19.47	17.26	17.95	17.45	19.88	19.46	19.27
STANDARD DEVIATION	6.96	7.47	6.43	7.29	7.19	7.86	6.99	7.34
READING								
MEAN	19.70	20.41	20.19	20.07	19.44	20.86	21.14	20.79
STANDARD DEVIATION	4.42	4.90	4.22	4.58	4.74	4.55	3.76	4.21
MATH CONCEPTS								
MEAN	16.90	21.02	19.48	18.77	17.85	22.09	23.72	21.70
STANDARD DEVIATION	6.92	10.23	8.98	8.95	7.86	10.44	8.91	9.40
MATH COMPUTATIONS								
MEAN	15.30	18.35	18.18	17.01	17.81	20.24	20.04	19.73
STANDARD DEVIATION	8.19	9.13	8.44	8.72	8.54	8.96	8.35	8.59
MATH PROBLEM SOLVING								
MEAN	12.10	14.78	14.96	13.66	13.19	16.32	16.35	15.81
STANDARD DEVIATION	7.07	8.57	7.35	7.84	7.02	8.31	7.56	7.91
COOPERSMITH								
MEAN	34.96	37.28	36.13	36.08	36.72	37.81	37.83	37.34
STANDARD DEVIATION	8.39	8.13	7.18	8.13	9.26	8.19	8.66	8.67
IARS(-)								
MEAN	9.34	10.30	10.21	9.87	9.83	9.83	10.01	9.92
STANDARD DEVIATION	2.92	2.65	2.56	2.78	2.76	2.80	2.99	2.88
IARS(+)								
MEAN	15.13	15.94	15.29	15.48	15.40	15.94	15.90	15.83
STANDARD DEVIATION	3.21	2.58	2.93	2.96	3.31	3.09	2.63	2.79
TOTAL READING								
MEAN	37.84	46.55	45.18	42.58	40.46	49.98	53.10	50.02
STANDARD DEVIATION	16.93	22.59	21.03	20.42	18.67	22.99	18.70	20.56
TOTAL MATH								
MEAN	44.03	52.81	50.37	48.62	48.55	56.44	55.85	54.81
STANDARD DEVIATION	20.13	23.15	20.12	21.79	21.87	23.29	21.22	22.11
LANGUAGE PART A								
MEAN	7.35	8.08	8.45	7.83	7.15	8.58	9.20	8.66
STANDARD DEVIATION	3.52	3.30	3.43	3.47	3.31	3.92	3.26	3.54
LANGUAGE PART B								
MEAN	7.19	9.74	9.13	8.55	7.81	10.60	11.02	10.35
STANDARD DEVIATION	5.31	7.30	6.06	6.43	4.38	8.75	6.87	7.51

Table F17-(2)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN BUFFALO, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	35	36	2	73	9	15	2	26
WORD KNOWLEDGE								
MEAN	19.14	16.56	16.50	17.79	20.00	20.73	16.50	20.15
STANDARD DEVIATION	9.88	8.93	.71	9.30	9.86	8.75	2.12	8.68
SPELLING								
MEAN	11.14	8.72	4.00	10.04	10.11	13.60	4.00	11.65
STANDARD DEVIATION	11.22	11.26	2.83	11.16	12.40	11.26	4.24	11.35
LANGUAGE								
MEAN	13.57	13.69	8.50	13.49	15.56	15.87	17.50	15.88
STANDARD DEVIATION	5.86	6.52	3.54	6.14	9.37	5.00	2.12	6.52
RAVENS								
MEAN	18.77	17.83	10.50	18.08	21.33	20.53	21.50	20.88
STANDARD DEVIATION	6.63	6.99	.71	6.81	7.14	7.71	6.36	7.17
READING								
MEAN	20.34	20.03	19.00	20.15	18.44	19.80	17.00	19.12
STANDARD DEVIATION	4.12	4.06	1.41	4.02	5.36	3.78	5.66	4.39
MATH CONCEPTS								
MEAN	15.74	14.61	10.50	15.04	17.33	18.13	14.00	17.54
STANDARD DEVIATION	5.94	7.15	4.95	6.54	4.85	4.75	7.07	4.84
MATH COMPUTATIONS								
MEAN	15.17	15.53	12.00	15.26	18.56	18.47	16.00	18.31
STANDARD DEVIATION	6.88	7.26	0.00	6.95	7.49	7.17	7.07	7.01
MATH PROBLEM SOLVING								
MEAN	11.60	11.50	10.00	11.34	13.67	15.60	11.50	14.62
STANDARD DEVIATION	5.87	6.50	4.24	6.09	5.63	5.70	3.54	5.53
COOPERSMITH								
MEAN	33.11	34.39	32.50	33.73	32.44	36.33	31.00	34.58
STANDARD DEVIATION	6.84	6.28	6.36	6.50	8.90	6.16	1.41	7.16
IARS(-)								
MEAN	9.17	9.81	8.00	9.45	10.00	10.60	10.00	10.35
STANDARD DEVIATION	2.83	3.38	0.00	3.08	2.97	1.86	4.24	2.31
IARS(+)								
MEAN	15.34	15.58	10.00	15.32	15.56	15.53	15.50	15.54
STANDARD DEVIATION	2.52	2.85	1.41	2.79	3.50	3.09	3.54	3.13
TOTAL READING								
MEAN	34.09	31.17	27.00	32.84	37.33	38.87	30.50	37.69
STANDARD DEVIATION	14.71	15.22	4.24	14.81	13.37	12.57	4.95	12.32
TOTAL MATH								
MEAN	45.20	44.86	32.50	44.68	53.56	54.60	49.00	53.81
STANDARD DEVIATION	17.02	19.21	4.95	17.91	18.49	18.92	16.97	17.99
LANGUAGE PART A								
MEAN	7.46	7.25	4.00	7.26	6.89	8.60	8.50	7.88
STANDARD DEVIATION	3.48	3.32	1.41	3.38	3.22	3.54	2.12	3.31
LANGUAGE PART B								
MEAN	6.11	6.44	4.50	6.23	8.67	7.47	9.00	8.00
STANDARD DEVIATION	4.00	4.33	2.12	4.10	6.96	3.18	0.00	4.65

Table F17-(2)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN DULUTH, MN

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	30	10	33	73	19	5	53	77
WORD KNOWLEDGE								
MEAN	26.87	28.80	28.06	27.67	28.53	34.60	34.91	33.31
STANDARD DEVIATION	10.19	10.76	9.55	9.87	10.81	6.99	8.71	9.47
SPELLING								
MEAN	18.93	24.50	21.15	20.70	18.42	29.20	26.34	24.57
STANDARD DEVIATION	10.88	9.77	10.12	10.42	12.63	7.26	10.03	11.06
LANGUAGE								
MEAN	16.47	19.00	17.70	17.37	17.42	23.60	22.66	21.43
STANDARD DEVIATION	6.66	6.93	5.14	6.03	8.06	9.79	9.38	9.47
RAVENS								
MEAN	18.07	17.90	18.24	18.12	20.42	20.60	22.94	22.17
STANDARD DEVIATION	5.92	6.92	6.09	6.05	7.00	4.45	6.10	6.28
READING								
MEAN	20.73	22.10	21.24	21.15	22.00	22.20	21.53	21.69
STANDARD DEVIATION	3.52	2.92	3.60	3.38	3.54	3.35	3.64	3.56
MATH CONCEPTS								
MEAN	18.17	19.50	20.85	19.56	21.79	25.40	26.15	25.03
STANDARD DEVIATION	7.38	8.57	6.38	7.12	8.34	6.50	8.60	8.40
MATH COMPUTATIONS								
MEAN	18.93	19.50	19.82	19.41	22.63	24.60	24.70	24.18
STANDARD DEVIATION	7.92	5.62	7.71	7.47	8.69	1.67	6.81	7.11
MATH PROBLEM SOLVING								
MEAN	15.70	12.60	15.79	15.32	17.79	16.40	20.13	19.31
STANDARD DEVIATION	6.00	5.52	6.11	6.37	7.91	3.65	7.36	7.36
COOPERSMITH								
MEAN	36.83	37.70	36.58	36.84	37.21	39.20	41.00	39.95
STANDARD DEVIATION	6.90	5.83	7.66	7.07	8.16	5.45	8.47	8.31
TARS(-)								
MEAN	9.77	9.30	10.06	9.84	10.58	8.80	10.23	10.22
STANDARD DEVIATION	2.97	2.21	2.74	2.75	2.12	4.87	2.64	2.69
TARS(+)								
MEAN	15.97	15.90	15.88	15.92	16.05	17.20	15.87	16.00
STANDARD DEVIATION	2.28	3.11	2.10	2.30	2.90	2.49	2.55	2.62
TOTAL READING								
MEAN	45.03	48.30	48.91	47.23	50.32	60.00	61.06	58.34
STANDARD DEVIATION	16.36	18.86	15.14	16.05	18.54	12.31	14.43	17.19
TOTAL MATH								
MEAN	52.70	50.00	53.85	52.85	60.84	61.60	67.77	65.66
STANDARD DEVIATION	18.39	13.11	16.72	16.93	22.11	7.83	19.28	19.58
LANGUAGE PART A								
MEAN	8.67	10.10	9.27	9.14	8.11	11.40	9.79	9.48
STANDARD DEVIATION	3.13	1.91	2.70	2.81	3.07	1.82	3.06	3.10
LANGUAGE PART B								
MEAN	7.80	8.90	8.42	8.23	9.32	12.20	12.87	11.95
STANDARD DEVIATION	5.03	6.19	3.88	4.67	6.72	8.32	7.18	7.21

Table F17-(2)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN FRESNO, CA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	10	28	6	44	12	19	9	40
WORD KNOWLEDGE								
MEAN	15.20	19.54	9.83	17.23	21.08	18.79	18.00	19.30
STANDARD DEVIATION	16.20	9.14	7.63	9.65	12.14	11.61	8.63	10.98
SPELLING								
MEAN	10.20	15.46	6.00	12.98	16.25	16.95	9.22	15.00
STANDARD DEVIATION	11.59	12.73	10.43	12.46	12.57	12.90	8.20	12.05
LANGUAGE								
MEAN	10.10	13.75	11.50	12.61	10.58	10.47	9.33	10.25
STANDARD DEVIATION	6.49	6.21	3.08	6.05	6.14	7.07	4.30	6.15
RAVENS								
MEAN	13.10	18.04	11.00	15.95	15.00	17.47	15.11	16.20
STANDARD DEVIATION	6.31	7.15	2.28	7.05	6.69	6.53	5.42	6.31
READING								
MEAN	17.00	16.82	14.83	16.73	17.58	18.16	21.22	18.67
STANDARD DEVIATION	4.67	5.20	5.00	5.01	5.53	4.67	3.99	4.90
MATH CONCEPTS								
MEAN	10.90	16.93	11.50	14.80	13.58	15.21	12.78	14.17
STANDARD DEVIATION	5.05	6.61	5.05	6.63	7.77	7.24	4.63	6.83
MATH COMPUTATIONS								
MEAN	11.30	13.43	9.33	12.43	14.17	13.95	14.00	14.02
STANDARD DEVIATION	4.20	7.52	4.03	6.92	6.52	9.00	9.87	8.33
MATH PROBLEM SOLVING								
MEAN	8.90	9.89	7.17	9.30	7.83	9.53	11.00	9.35
STANDARD DEVIATION	5.72	5.05	3.25	5.59	6.51	6.83	5.83	6.47
COOPERSMITH								
MEAN	29.30	36.79	30.33	34.25	32.00	32.74	34.22	32.85
STANDARD DEVIATION	11.82	9.05	4.32	9.72	5.88	7.42	6.85	6.74
IAES(-)								
MEAN	11.00	10.14	8.50	10.11	8.50	10.37	10.44	9.82
STANDARD DEVIATION	2.11	1.88	2.88	2.16	2.65	2.97	4.13	3.21
IAES(+)								
MEAN	15.40	15.25	11.50	14.77	15.25	16.47	15.67	15.92
STANDARD DEVIATION	2.41	1.97	4.04	2.70	2.01	1.90	2.87	2.19
TOTAL READING								
MEAN	26.00	36.46	21.33	32.02	34.67	34.00	30.78	33.47
STANDARD DEVIATION	13.87	15.03	11.41	15.32	18.90	17.59	10.69	16.41
TOTAL MATH								
MEAN	33.30	41.36	27.50	37.68	37.00	40.95	40.11	39.57
STANDARD DEVIATION	16.47	18.87	6.72	17.69	16.45	19.10	19.96	18.15
LANGUAGE PART A								
MEAN	5.00	6.14	6.17	5.89	6.42	5.53	5.33	5.75
STANDARD DEVIATION	2.19	2.66	1.94	2.60	3.96	3.81	3.12	3.65
LANGUAGE PART B								
MEAN	5.10	7.61	5.33	6.73	4.17	4.95	4.00	4.50
STANDARD DEVIATION	4.00	5.04	2.66	4.80	4.53	4.35	2.87	4.05

Table F17-(2)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN SALT LAKE CITY, UT

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	26	2	7	35	4	3	37	44
WORD KNOWLEDGE								
MEAN	20.38	10.50	20.86	19.91	19.50	34.33	27.86	27.52
STANDARD DEVIATION	9.97	6.36	12.21	10.31	15.80	3.51	10.40	10.85
SPELLING								
MEAN	18.27	8.00	19.43	17.91	17.75	29.67	21.62	21.82
STANDARD DEVIATION	10.99	4.24	15.39	11.73	14.52	11.85	10.79	11.16
LANGUAGE								
MEAN	16.54	13.50	14.43	15.94	16.50	26.00	19.24	19.45
STANDARD DEVIATION	9.67	2.12	11.16	9.59	15.20	10.15	8.94	9.57
RAVENS								
MEAN	18.54	23.50	18.00	18.71	13.75	18.33	17.22	16.98
STANDARD DEVIATION	6.60	3.54	7.81	6.73	9.54	6.66	7.25	7.32
READING								
MEAN	19.50	20.00	19.29	19.49	21.75	16.67	21.54	21.23
STANDARD DEVIATION	4.79	5.66	4.46	4.62	3.59	2.08	3.18	3.34
MATH CONCEPTS								
MEAN	15.85	11.00	16.00	15.60	18.50	23.67	21.30	21.20
STANDARD DEVIATION	6.23	1.41	9.59	6.79	10.72	6.35	8.00	8.04
MATH COMPUTATIONS								
MEAN	16.00	9.50	16.71	15.77	14.00	20.67	17.76	17.61
STANDARD DEVIATION	8.00	2.12	9.21	8.10	8.52	4.93	6.93	6.95
MATH PROBLEM SOLVING								
MEAN	12.27	10.50	15.14	12.74	11.25	15.00	14.26	14.02
STANDARD DEVIATION	7.70	3.54	8.43	7.67	10.90	6.24	6.38	6.71
COOPERSMITH								
MEAN	35.35	35.00	36.57	35.57	30.25	35.00	37.26	36.45
STANDARD DEVIATION	7.49	8.49	6.50	7.08	11.76	9.85	10.39	10.43
IARS(-)								
MEAN	8.96	10.50	11.71	9.60	11.75	10.33	10.26	10.39
STANDARD DEVIATION	2.70	3.54	1.98	2.82	2.99	3.79	3.17	3.14
IARS(+)								
MEAN	14.54	15.50	15.86	14.86	16.25	14.33	15.95	15.86
STANDARD DEVIATION	3.95	4.95	3.63	3.85	4.27	2.52	2.49	2.64
TOTAL READING								
MEAN	36.23	21.50	36.86	35.51	39.00	58.00	49.14	48.73
STANDARD DEVIATION	15.24	4.95	21.78	16.36	26.44	9.64	17.79	18.30
TOTAL MATH								
MEAN	46.81	43.50	49.86	47.23	39.00	54.00	49.22	48.61
STANDARD DEVIATION	20.57	9.19	24.22	20.48	27.53	15.52	18.30	18.85
LANGUAGE PART A								
MEAN	7.38	7.50	6.00	7.11	7.00	13.00	8.73	8.86
STANDARD DEVIATION	3.82	.71	4.24	3.77	3.37	2.00	3.64	3.69
LANGUAGE PART B								
MEAN	9.15	6.00	8.43	8.83	9.50	13.00	10.51	10.59
STANDARD DEVIATION	7.20	1.41	7.41	7.01	11.93	8.19	6.41	6.92

Table F17-(2)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN TACOMA, WA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	36	2	1	39	6	5	28	39
WORD KNOWLEDGE								
MEAN	18.97	17.00	9.00	18.62	18.50	30.00	31.46	29.28
STANDARD DEVIATION	11.19	18.38	6.41	11.27	10.93	10.10	9.63	10.69
SPELLING								
MEAN	7.67	4.00	1.00	7.31	7.00	22.00	23.50	20.77
STANDARD DEVIATION	8.82	5.66	6.41	8.61	6.26	12.06	11.23	12.07
LANGUAGE								
MEAN	13.25	7.50	11.00	12.90	14.33	14.20	22.61	20.26
STANDARD DEVIATION	7.10	3.54	6.41	6.97	3.61	4.09	8.06	8.01
RAVENS								
MEAN	13.00	6.50	9.00	12.56	12.17	14.60	20.75	18.64
STANDARD DEVIATION	6.79	.71	6.41	6.70	4.71	3.36	6.85	7.03
READING								
MEAN	18.86	23.50	22.00	19.18	18.50	20.80	19.71	19.67
STANDARD DEVIATION	5.09	2.12	6.41	5.03	4.18	3.03	4.57	4.30
MATH CONCEPTS								
MEAN	15.19	17.00	10.00	15.15	16.17	18.80	23.93	22.08
STANDARD DEVIATION	7.00	8.49	6.41	6.92	5.08	7.05	8.31	8.20
MATH COMPUTATIONS								
MEAN	12.50	.50	6.00	11.72	11.67	15.80	20.21	18.33
STANDARD DEVIATION	8.87	.71	6.41	8.97	8.14	4.27	9.37	9.14
MATH PROBLEM SOLVING								
MEAN	9.50	0.00	9.00	9.00	9.83	10.80	16.39	14.67
STANDARD DEVIATION	5.78	0.00	6.41	6.12	4.58	3.83	8.08	7.65
COOPERSMITH								
MEAN	35.47	26.00	25.00	34.72	36.00	38.20	36.50	36.64
STANDARD DEVIATION	10.41	8.49	6.41	10.43	15.89	7.53	7.08	8.67
TARS(-)								
MEAN	8.94	7.00	12.00	8.92	8.67	10.60	10.30	10.15
STANDARD DEVIATION	3.12	2.83	6.41	3.10	3.98	.55	2.71	2.79
TARS(+)								
MEAN	14.03	8.00	13.00	13.69	13.67	16.00	16.25	15.82
STANDARD DEVIATION	4.10	0.00	6.41	4.21	5.09	1.73	2.34	2.91
TOTAL READING								
MEAN	34.17	34.00	19.00	33.77	34.67	48.80	55.39	51.36
STANDARD DEVIATION	17.09	26.87	6.41	17.15	14.45	16.84	17.38	18.13
TOTAL MATH								
MEAN	35.00	7.00	24.00	33.28	33.67	41.20	57.36	51.64
STANDARD DEVIATION	20.04	0.00	6.41	20.28	15.83	8.76	22.22	21.94
LANGUAGE PART A								
MEAN	6.42	4.50	5.00	6.28	6.83	9.60	9.71	9.26
STANDARD DEVIATION	3.77	.71	6.41	3.66	2.32	3.36	2.98	3.05
LANGUAGE PART B								
MEAN	6.83	3.00	6.00	6.62	7.50	4.60	12.89	11.00
STANDARD DEVIATION	5.05	4.24	6.41	4.97	1.97	2.70	6.47	6.40

Table F17-(2)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN BERKELEY, CA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	13	64	6	83	3	50	14	67
WORD KNOWLEDGE								
MEAN	25.46	33.77	28.67	31.80	15.00	33.24	25.29	30.76
STANDARD DEVIATION	12.67	11.95	16.69	12.62	2.65	12.44	11.21	12.74
SPELLING								
MEAN	15.31	24.03	20.83	22.43	5.33	21.26	15.43	19.33
STANDARD DEVIATION	12.38	12.36	15.13	12.80	4.51	11.43	12.68	12.01
LANGUAGE								
MEAN	16.38	22.36	23.33	21.49	14.33	23.70	16.00	21.67
STANDARD DEVIATION	7.02	11.17	14.14	10.97	.58	11.99	9.31	11.67
RAVENS								
MEAN	17.54	22.17	21.67	21.41	14.00	21.58	17.07	20.30
STANDARD DEVIATION	7.40	7.75	7.03	7.76	4.58	8.44	6.45	8.18
READING								
MEAN	19.23	21.97	18.83	21.31	16.00	22.24	20.29	21.55
STANDARD DEVIATION	3.61	4.74	5.53	4.74	2.65	4.58	3.83	4.56
MATH CONCEPTS								
MEAN	20.92	27.12	21.67	25.76	14.00	26.50	18.07	24.18
STANDARD DEVIATION	7.17	10.27	13.11	10.27	5.20	11.15	9.71	11.33
MATH COMPUTATIONS								
MEAN	16.69	22.84	21.67	21.80	17.00	23.72	13.43	21.27
STANDARD DEVIATION	8.62	9.07	8.36	9.12	6.08	8.47	7.26	9.12
MATH PROBLEM SOLVING								
MEAN	14.54	19.66	17.50	18.70	13.33	20.18	11.86	18.13
STANDARD DEVIATION	8.28	8.60	9.93	8.75	4.51	8.14	6.55	8.42
COOPERSMITH								
MEAN	37.62	39.37	36.83	38.92	40.00	40.54	36.50	39.67
STANDARD DEVIATION	6.81	8.49	3.76	7.99	8.54	8.33	8.54	8.41
IAPS(-)								
MEAN	9.92	10.92	10.67	10.75	9.67	9.44	8.36	9.22
STANDARD DEVIATION	2.87	2.44	2.73	2.53	2.52	2.86	2.47	2.77
IAPS(+)								
MEAN	16.62	16.66	16.00	16.60	13.67	16.20	14.93	15.82
STANDARD DEVIATION	2.14	2.04	3.03	2.11	3.21	3.14	1.94	2.97
TOTAL READING								
MEAN	46.38	60.50	50.33	57.55	29.00	59.74	43.36	54.96
STANDARD DEVIATION	19.00	21.53	29.55	22.20	6.56	23.09	20.15	23.53
TOTAL MATH								
MEAN	48.77	64.67	60.83	61.90	44.33	65.48	42.36	59.70
STANDARD DEVIATION	21.94	23.32	24.93	23.66	14.15	23.85	17.26	24.22
LANGUAGE PART A								
MEAN	7.92	9.19	9.00	8.98	5.67	9.42	8.57	9.07
STANDARD DEVIATION	2.90	3.45	4.73	3.46	2.89	3.45	3.39	3.47
LANGUAGE PART B								
MEAN	8.46	13.17	14.33	12.52	8.67	14.28	7.43	12.60
STANDARD DEVIATION	5.17	8.60	9.71	8.35	3.21	9.91	7.31	9.61

Table F17-(2)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN LEBANON, NH

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	5	2	7	14	0	2	19	21
WORD KNOWLEDGE								
MEAN	31.80	27.00	34.71	32.57	0.00	2.50	32.21	29.38
STANDARD DEVIATION	8.93	8.49	14.60	11.66	0.00	3.54	9.34	12.61
SPELLING								
MEAN	21.80	23.00	20.71	21.29	0.00	5.00	21.05	19.52
STANDARD DEVIATION	9.79	12.73	11.24	10.04	0.00	1.41	10.39	10.98
LANGUAGE								
MEAN	12.80	13.50	24.00	18.43	0.00	4.50	20.37	18.86
STANDARD DEVIATION	5.80	2.12	11.56	10.29	0.00	4.95	6.96	8.22
RAVENS								
MEAN	14.00	13.50	16.57	15.21	0.00	9.00	15.79	15.14
STANDARD DEVIATION	7.10	3.54	4.93	5.48	0.00	4.24	5.60	5.77
READING								
MEAN	21.80	16.50	22.00	21.00	0.00	22.00	22.37	22.33
STANDARD DEVIATION	6.00	.71	3.27	4.00	0.00	1.41	3.00	2.87
MATH CONCEPTS								
MEAN	21.80	20.00	25.43	23.21	0.00	4.50	23.16	21.38
STANDARD DEVIATION	7.09	4.24	12.34	9.63	0.00	6.36	8.83	10.18
MATH COMPUTATIONS								
MEAN	15.00	15.50	20.00	17.57	0.00	6.00	19.42	18.14
STANDARD DEVIATION	10.3[illegible]	2.12	10.05	9.27	0.00	2.83	6.93	7.74
MATH PROBLEM SOLVING								
MEAN	14.80	16.50	17.43	16.21	0.00	5.50	16.21	15.19
STANDARD DEVIATION	10.30	.71	9.66	8.84	0.00	2.12	6.73	7.17
COOPERSMITH								
MEAN	35.00	39.00	40.57	38.36	0.00	28.50	35.53	34.86
STANDARD DEVIATION	7.18	4.24	6.24	6.71	0.00	2.12	6.92	6.92
TAFS(-)								
MEAN	8.00	9.50	10.86	9.64	0.00	8.50	9.37	9.29
STANDARD DEVIATION	3.79	.71	.90	2.56	0.00	.71	3.52	3.35
TAFS(+)								
MEAN	15.60	18.00	16.43	16.21	0.00	6.50	16.26	15.33
STANDARD DEVIATION	1.92	1.41	.53	1.53	0.00	.71	2.26	3.64
TOTAL READING								
MEAN	53.60	47.00	60.14	55.79	0.00	7.00	55.37	50.76
STANDARD DEVIATION	15.79	12.73	26.90	21.16	0.00	9.90	17.69	22.18
TOTAL MATH								
MEAN	43.80	45.50	54.00	49.00	0.00	20.50	51.42	48.48
STANDARD DEVIATION	26.00	.71	23.24	22.26	0.00	9.19	18.26	19.77
LANGUAGE PART A								
MEAN	8.80	8.50	10.29	9.36	0.00	1.50	10.05	9.24
STANDARD DEVIATION	5.72	2.12	3.50	3.03	0.00	.71	2.22	3.33
LANGUAGE PART B								
MEAN	6.60	5.00	13.71	9.07	0.00	3.00	10.32	9.62
STANDARD DEVIATION	3.77	0.00	8.50	7.81	0.00	4.24	5.91	6.09

Table F11-(2)-IIIEF

SUMMARY OF EFFECTS FOR RESPONSIVE EDUCATION MODEL IN COHORT III-EF, BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS					
		PBLA[a]			PBPA[b]		
	PRESCHOOL CATEGORY	Head Start	Some Preschool	No Preschool	Head Start	Some Preschool	No Preschool
BASIC SKILLS	Word Knowledge	▨			▨ -		-
	Spelling	▨		-	▨ -	-	-
	Language	▨			▨		-
	Math Computations	▨			▨ -		-
COGNITIVE CONCEPTUAL SKILLS	Raven's	▨			▨ -		-
	Reading	▨	+		▨		-
	Math Concepts	▨			▨ -		-
	Math Problem Solving	▨			▨ -		-
AFFECTIVE MEASURES	Coopersmith	▨			▨		-
	IARS(-)	▨			▨ -		
	IARS(+)	▨			▨		
	Total Reading	▨			▨ -		-
	Total Math	▨			▨ -		-
	Language Part A	▨			▨		
	Language Part B	▨			▨ -		-

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:	
+	FT-favoring effect
-	NFT-favoring effect
blank	Null effect
▨	Sample size of less than 30 children in FT and/or NFT

Table F12-(2)-IIIEF

SUMMARY OF EFFECTS IN COHORT III-EF SITES IN THE RESPONSIVE EDUCATION MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE														
	Goldsboro, NC					Sumter, SC					Owensboro, KY				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge						-	-	-	-	-			▨	▨ -	-
Spelling						-	-	-	-	-			▨	▨ -	-
Language	+	+	+		+	-	-	-	-	-			▨	▨ -	-
Math Computation	+	+	+		+				-		-	-	▨ -	▨ -	-
Raven's													▨	▨ -	-
Reading	+	+	+		+	-	-	-	-	-			▨	▨ -	
Math Concepts	+	+	+		+	-	-	-	-	-	-	-	▨ -	▨ -	-
Math Problem Solving	+	+	+	+	+	-	-	-	-	-	-	-	▨ -	▨ -	-
Coopersmith									-	-			▨	▨	-
IARS (-)				-		-	-	-	-	-				▨ -	
IARS (+)															
Total Reading			+		+	-		-	-	-			▨	▨ -	-
Total Math	+		+	+	+	-		-	-	-	-		▨ -	▨ -	-
Language Part A	+	+	+	+	+	-	-		-	-			▨	▨ -	-
Language Part B	+	+	+		+				-				▨	▨ -	

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(2)-IIIEF

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT III-EF CHILDREN IN THE RESPONSIVE EDUCATION MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPU-LATION	SITES							
		All[a]		Goldsboro, NC		Sumter, SC		Owensboro, KY	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT
TOTAL READING									
Third Grade Median	61.0	46.9	55.6	50.5	52.8	43.9	51.0	46.3	63.0
Median Percentile	50	10	34	16	24	7	20	9	58
Grade Equivalent	3.5	2.2	3.0	2.4	2.7	2.0	2.5	2.2	3.7
% 1 Year or More Below Grade Level	20	69	40	53	46	81	52	73	23
TOTAL MATHEMATICS									
Third Grade Median	70.5	57.8	64.1	61.2	58.4	58.4	59.8	53.8	74.0
Median Percentile	50	14	28	20	14	14	18	9	62
Grade Equivalent	3.8	2.8	3.2	3.0	2.8	2.8	3.0	2.4	4.1
% 1 Year or More Below Grade Level	12	52	33	41	47	48	45	67	8
SPELLING									
Third Grade Median	64.0	49.2	61.5	55.5	59.0	47.2	60.8	45.0	64.8
Median Percentile	50	13	44	26	36	10	40	8	54
Grade Equivalent	3.6	2.3	3.4	2.8	3.0	2.2	3.3	2.0	3.7
% 1 Year or More Below Grade Level	22	64	35	47	44	78	45	68	15
LANGUAGE									
Third Grade Median	70.0	55.3	62.2	58.8	56.9	52.5	55.0	54.7	74.8
Median Percentile	50	14	30	23	20	10	14	14	64
Grade Equivalent	4.0	2.5	3.2	2.9	2.7	2.3	2.5	2.5	4.7
% 1 Year or More Below Grade Level	14	73	58	55	61	90	76	73	38

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(2)-IIIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	164	92	46	302	12	48	39	99
FALL KINDERGARTEN WRAT								
MEAN	36.13	49.61	35.43	40.46	40.50	49.40	43.15	45.86
STANDARD DEVIATION	11.48	12.88	13.29	13.60	10.14	12.61	10.68	12.03
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.97	14.73	14.15	13.80	13.20	15.35	14.03	14.47
STANDARD DEVIATION	1.49	2.62	1.50	2.18	1.81	2.32	1.96	2.22
NUMBER	89	73	20	182	10	31	33	74
FAMILY INCOME IN DOLLARS								
MEAN	3338.61	5727.97	5769.90	4558.00	4150.00	7499.71	5674.81	6240.89
STANDARD DEVIATION	2155.[illegible]	3150.34	3042.90	2933.82	1779.04	2563.30	3288.93	3036.87
MEDIAN	2450.25	5690.20	5800.00	3824.87	3450.00	8150.25	5099.50	6274.62
NUMBER	88	71	20	179	10	31	32	73
FAMILY INCOME GE 9999								
PERCENT	2.27	19.72	10.00	10.06	0.00	29.03	18.75	20.55
CHILDS ETHNICITY								
PERCENT WHITE	29.88	46.74	76.09	42.05	25.00	60.42	56.41	54.55
PERCENT BLACK	70.12	53.26	23.91	57.95	75.00	39.58	43.59	45.45
CHILDS SEX								
PERCENT FEMALE	53.05	51.09	45.65	51.32	25.00	47.92	64.10	51.52
ENTRY AGE IN MONTHS								
MEAN	64.15	66.02	65.18	64.87	67.48	67.62	65.59	66.80
STANDARD DEVIATION	4.25	4.26	5.74	4.57	3.75	6.09	4.22	5.22
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.22	12.81	11.05	11.83	10.35	12.24	11.51	11.68
STANDARD DEVIATION	2.29	2.51	2.92	2.56	2.86	2.16	2.26	2.35
NUMBER	88	70	19	177	9	31	29	69
PERCENT HS GRAD	38.64	58.57	42.11	46.89	22.22	58.06	41.38	46.38
FEMALE HEADED HOUSEHOLD								
PERCENT	59.34	21.62	33.33	41.40	36.36	16.13	20.59	21.05
NUMBER	91	74	21	186	11	31	34	76
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	54.30	100.00	0.00	0.00	12.12
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	30.46	0.00	100.00	0.00	48.49
PERCENT NO PRESCHOOL	0.00	0.00	100.00	15.23	0.00	0.00	100.00	39.39

Table F15-(2)-IIIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN GOLDSBORO, NC

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	78	41	13	132	10	34	13	57
FALL KINDERGARTEN WRAT								
MEAN	36.15	52.76	37.15	41.41	39.60	49.21	46.77	46.96
STANDARD DEVIATION	11.69	13.18	14.85	14.56	9.40	13.49	7.62	12.11
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.44	16.50	14.80	14.12	12.62	15.18	14.25	14.33
STANDARD DEVIATION	.94	2.62	2.17	2.64	1.51	2.35	1.04	2.15
NUMBER	36	24	5	65	8	17	8	33
FAMILY INCOME IN DOLLARS								
MEAN	3008.33	7482.17	6639.80	4899.83	4600.00	6988.00	7924.87	6636.21
STANDARD DEVIATION	1620.74	3005.67	3760.49	3220.69	1644.91	2816.84	1866.66	2615.12
MEDIAN	2100.00	8250.00	8700.00	3900.00	4400.00	8000.00	7299.50	6266.33
NUMBER	36	23	5	64	8	17	8	33
FAMILY INCOME GE 9999								
PERCENT	0.00	43.48	20.00	17.19	0.00	23.53	12.50	15.15
CHILDS ETHNICITY								
PERCENT WHITE	10.26	65.85	46.15	31.06	10.00	55.88	84.62	54.39
PERCENT BLACK	89.74	34.15	53.85	68.94	90.00	44.12	15.38	45.61
CHILDS SEX								
PERCENT FEMALE	48.72	48.78	23.08	46.21	20.00	41.18	61.54	42.11
ENTRY AGE IN MONTHS								
MEAN	64.98	65.98	65.55	65.35	68.03	68.59	66.64	68.05
STANDARD DEVIATION	4.57	3.08	7.23	4.49	3.88	6.63	3.93	5.68
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.46	14.33	12.30	12.61	10.18	11.86	11.17	11.32
STANDARD DEVIATION	2.49	2.19	2.63	2.72	3.28	1.43	2.92	2.35
NUMBER	35	24	5	64	7	17	8	32
PERCENT HS GRAD	45.71	87.50	80.00	64.06	28.57	52.94	62.50	50.00
FEMALE HEADED HOUSEHOLD								
PERCENT	72.97	16.67	40.00	50.00	33.33	23.53	12.50	23.53
NUMBER	37	24	5	66	9	17	8	34
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	59.09	100.00	0.00	0.00	17.54
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	31.06	0.00	100.00	0.00	59.65
PERCENT NO PRESCHOOL	0.00	0.00	100.00	9.85	0.00	0.00	100.00	22.81

Table F15-(2)-IIIEF (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN SUMTER, SC

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	12	42	4	58	0	7	22	29
FALL KINDERGARTEN WRAT								
MEAN	38.08	49.67	48.75	47.21	0.00	47.29	39.14	41.10
STANDARD DEVIATION	7.34	9.98	8.81	10.40	0.00	9.57	11.09	11.15
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.58	13.72	15.50	13.76	0.00	16.86	13.62	14.43
STANDARD DEVIATION	2.23	2.14	.71	2.13	0.00	2.27	1.96	2.46
NUMBER	12	40	2	54	0	7	21	28
FAMILY INCOME IN DOLLARS								
MEAN	4363.45	4749.95	2900.00	4568.44	0.00	8499.71	4149.85	5277.59
STANDARD DEVIATION	3083.55	2777.65	2007.49	2795.46	0.00	1562.80	3067.61	3348.70
MEDIAN	4325.00	3896.33	2000.00	3866.33	0.00	8700.00	3075.00	3800.00
NUMBER	11	40	3	54	0	7	20	27
FAMILY INCOME GE 9999								
PERCENT	18.18	5.00	0.00	7.41	0.00	28.57	15.00	18.52
CHILDS ETHNICITY								
PERCENT WHITE	33.33	21.43	25.00	24.14	0.00	42.86	31.82	34.48
PERCENT BLACK	66.67	78.57	75.00	75.86	0.00	57.14	68.18	65.52
CHILDS SEX								
PERCENT FEMALE	58.33	50.00	75.00	53.45	0.00	42.86	68.18	62.07
ENTRY AGE IN MONTHS								
MEAN	65.91	66.86	68.23	66.65	0.00	65.52	65.03	65.15
STANDARD DEVIATION	5.21	4.92	4.20	4.91	0.00	2.84	4.44	4.06
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	0.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.92	12.07	13.97	11.89	0.00	13.26	11.55	12.05
STANDARD DEVIATION	2.37	2.40	4.24	2.48	0.00	2.71	2.20	2.43
NUMBER	11	37	2	50	0	7	17	24
PERCENT HS GRAD	36.36	48.65	50.00	46.00	0.00	57.14	29.41	37.50
FEMALE HEADED HOUSEHOLD								
PERCENT	33.33	26.83	66.67	30.36	0.00	14.29	27.27	24.14
NUMBER	12	41	3	56	0	7	22	29
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	20.69	0.00	0.00	0.00	0.00
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	72.41	0.00	100.00	0.00	24.14
PERCENT NO PRESCHOOL	0.00	0.00	100.00	6.90	0.00	0.00	100.00	75.86

Table F15-(2)-IIIEF (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN OWENSBORO, KY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	74	9	29	112	2	7	4	13
FALL KINDERGARTEN WRAT								
MEAN	37.12	35.00	32.83	35.84	45.00	52.43	53.50	51.62
STANDARD DEVIATION	11.89	14.69	12.14	12.21	16.97	11.69	5.97	10.49
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.24	14.44	13.69	13.51	15.50	14.29	15.75	14.92
STANDARD DEVIATION	1.51	2.30	1.11	1.61	.71	1.70	2.75	1.98
NUMBER	41	9	13	63	2	7	4	13
FAMILY INCOME IN DOLLARS								
MEAN	3353.66	5574.75	6124.92	4190.11	2350.00	7742.43	8799.50	7238.08
STANDARD DEVIATION	2239.54	3334.61	2718.53	2734.65	1202.08	2697.02	1423.05	3034.29
MEDIAN	2425.00	5620.00	6900.00	3725.37	2350.00	8200.00	8400.00	8050.00
NUMBER	41	8	12	61	2	7	4	13
FAMILY INCOME GE 9999								
PERCENT	0.00	25.00	8.33	4.92	0.00	42.86	50.00	38.46
CHILDS ETHNICITY								
PERCENT WHITE	50.00	77.78	96.55	64.29	100.00	100.00	100.00	100.00
PERCENT BLACK	50.00	22.22	3.45	35.71	0.00	0.00	0.00	0.00
CHILDS SEX								
PERCENT FEMALE	56.76	66.67	51.72	56.25	50.00	85.71	50.00	69.23
ENTRY AGE IN MONTHS								
MEAN	63.07	62.35	64.59	63.40	64.71	64.98	65.31	65.04
STANDARD DEVIATION	3.48	3.93	5.19	4.05	.97	4.74	4.28	3.99
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.10	11.85	10.00	11.00	10.95	12.13	11.97	11.90
STANDARD DEVIATION	2.12	2.05	2.49	2.21	0.00	2.99	1.18	2.24
NUMBER	42	9	12	63	2	7	4	13
PERCENT HS GRAD	33.33	22.22	25.00	30.16	0.00	71.43	50.00	53.85
FEMALE HEADED HOUSEHOLD								
PERCENT	54.76	11.11	23.08	42.19	50.00	0.00	0.00	7.69
NUMBER	42	9	13	64	2	7	4	13
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	66.07	100.00	0.00	0.00	15.38
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	8.04	0.00	100.00	0.00	53.85
PERCENT NO PRESCHOOL	0.00	0.00	100.00	25.89	0.00	0.00	100.00	30.77

Table F16-(2)-IIIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	164	92	46	302	12	48	39	99
WORD KNOWLEDGE								
MEAN	15.83	22.33	15.63	17.78	20.75	23.13	22.79	22.71
STANDARD DEVIATION	8.90	13.68	10.52	11.19	12.43	11.04	11.89	11.45
SPELLING								
MEAN	9.77	15.72	7.65	11.26	17.42	17.08	17.79	17.46
STANDARD DEVIATION	11.67	14.26	9.06	12.52	15.37	12.20	13.69	13.07
LANGUAGE								
MEAN	14.90	18.51	15.57	15.83	18.25	17.73	17.59	17.74
STANDARD DEVIATION	7.41	11.21	8.09	8.99	8.18	8.82	9.82	9.07
RAVENS								
MEAN	15.44	19.13	14.76	16.46	17.67	17.81	18.18	17.94
STANDARD DEVIATION	6.35	7.92	6.63	7.11	7.49	6.76	7.80	7.20
READING								
MEAN	16.75	19.77	17.30	17.75	20.42	19.44	18.64	19.24
STANDARD DEVIATION	4.83	4.88	4.97	5.03	4.23	4.51	5.82	5.03
MATH CONCEPTS								
MEAN	13.14	18.89	13.70	14.98	16.00	17.62	17.41	17.34
STANDARD DEVIATION	6.03	10.09	7.16	8.05	7.31	7.54	7.38	7.38
MATH COMPUTATIONS								
MEAN	12.29	17.18	13.09	13.89	14.42	16.69	16.31	16.26
STANDARD DEVIATION	5.95	9.06	7.01	7.49	4.70	7.85	8.10	7.62
MATH PROBLEM SOLVING								
MEAN	10.62	15.11	12.04	12.20	12.58	14.44	16.51	14.24
STANDARD DEVIATION	5.20	8.30	6.47	6.76	7.74	6.50	6.85	6.75
COOPERSMITH								
MEAN	34.32	38.77	34.24	35.48	37.50	38.98	37.36	38.16
STANDARD DEVIATION	7.54	6.49	7.03	7.35	7.47	5.99	5.69	6.08
IARS(-)								
MEAN	8.38	9.66	8.26	8.75	10.02	9.88	9.92	10.02
STANDARD DEVIATION	3.27	2.97	3.37	3.24	2.23	2.38	3.17	2.70
IARS(+)								
MEAN	12.30	13.20	12.61	12.65	13.08	13.04	12.46	12.82
STANDARD DEVIATION	2.83	2.47	2.55	2.71	1.68	1.98	2.54	2.19
TOTAL READING								
MEAN	28.97	41.22	29.33	32.75	36.75	40.75	40.21	40.05
STANDARD DEVIATION	13.80	23.20	16.11	18.34	19.45	18.02	18.36	18.18
TOTAL MATH								
MEAN	38.34	51.40	39.89	42.56	44.67	48.94	49.00	48.44
STANDARD DEVIATION	15.71	23.86	18.14	19.74	18.41	19.65	21.21	19.99
LANGUAGE PART A								
MEAN	6.35	7.58	7.22	6.85	7.08	7.56	7.79	7.60
STANDARD DEVIATION	3.29	3.93	3.44	3.55	3.75	3.51	3.63	3.56
LANGUAGE PART B								
MEAN	8.03	10.93	8.35	8.98	11.17	10.17	9.79	10.14
STANDARD DEVIATION	5.19	8.37	5.75	6.51	4.05	6.42	7.18	6.53

Table F17-(2)-IIIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN GOLDSBORO, NC

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	78	41	13	132	10	34	13	57
WORD KNOWLEDGE								
MEAN	16.48	31.00	17.38	21.07	20.20	21.82	24.69	22.19
STANDARD DEVIATION	9.48	13.45	11.87	12.87	10.11	11.09	14.26	11.61
SPELLING								
MEAN	11.61	23.61	7.77	14.95	16.60	15.50	19.77	16.67
STANDARD DEVIATION	12.59	13.77	9.24	13.93	15.41	12.77	13.84	13.35
LANGUAGE								
MEAN	15.72	25.88	15.92	18.89	17.70	16.59	17.92	17.09
STANDARD DEVIATION	7.99	12.33	7.45	10.55	5.46	8.04	8.47	7.66
RAVENS								
MEAN	16.17	23.05	15.23	18.21	17.00	16.62	18.00	17.00
STANDARD DEVIATION	7.02	9.15	6.06	8.28	7.75	6.25	6.27	6.44
READING								
MEAN	16.88	21.98	19.23	18.68	20.00	18.85	20.85	19.51
STANDARD DEVIATION	5.02	4.29	5.05	5.31	4.40	4.65	5.05	4.69
MATH CONCEPTS								
MEAN	14.12	25.00	14.15	17.50	15.60	17.03	15.69	16.47
STANDARD DEVIATION	6.58	10.66	8.47	9.59	6.11	7.78	7.96	7.46
MATH COMPUTATIONS								
MEAN	13.40	21.90	15.31	16.23	13.80	15.09	15.00	14.84
STANDARD DEVIATION	5.91	9.63	7.28	8.28	3.88	7.55	8.15	7.10
MATH PROBLEM SOLVING								
MEAN	11.45	20.34	15.15	14.58	11.60	13.06	13.69	12.95
STANDARD DEVIATION	5.49	8.82	7.20	7.91	6.83	5.79	6.37	6.04
COOPERSMITH								
MEAN	34.67	40.56	35.08	36.54	37.70	38.71	38.77	38.54
STANDARD DEVIATION	7.29	5.99	7.27	7.38	8.06	5.88	6.13	6.25
IARS(-)								
MEAN	9.05	10.44	8.95	9.47	10.50	9.91	10.38	10.12
STANDARD DEVIATION	2.88	3.08	2.66	2.98	1.72	2.48	2.10	2.26
IARS(+)								
MEAN	12.71	13.88	12.00	13.00	13.00	13.24	13.38	13.23
STANDARD DEVIATION	2.01	2.71	3.11	2.74	1.70	1.99	2.29	1.98
TOTAL READING								
MEAN	30.58	56.00	31.54	38.57	35.80	38.85	40.38	38.67
STANDARD DEVIATION	14.65	23.59	19.76	21.68	15.80	18.32	21.44	18.40
TOTAL MATH								
MEAN	41.01	65.29	45.69	49.02	42.40	44.76	46.69	44.79
STANDARD DEVIATION	16.43	26.29	19.26	23.15	16.79	17.70	19.52	17.71
LANGUAGE PART A								
MEAN	7.32	9.54	7.08	7.98	6.80	6.91	8.15	7.18
STANDARD DEVIATION	3.29	4.00	2.69	3.61	2.70	3.18	2.70	3.00
LANGUAGE PART B								
MEAN	8.40	16.34	8.85	10.91	10.90	9.68	9.77	9.91
STANDARD DEVIATION	5.74	9.52	5.30	7.94	3.67	6.17	6.83	5.91

Table F17-(2)-IIIEF (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN SUMTER, SC

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	12	42	4	58	0	7	22	29
WORD KNOWLEDGE								
MEAN	13.00	13.76	10.00	13.33	0.00	22.57	19.64	20.34
STANDARD DEVIATION	6.85	7.86	3.92	7.43	0.00	10.72	9.77	9.89
SPELLING								
MEAN	7.50	7.79	5.00	7.53	0.00	19.43	14.19	15.39
STANDARD DEVIATION	9.92	9.60	2.58	9.28	0.00	11.70	12.93	12.66
LANGUAGE								
MEAN	11.50	12.00	13.00	11.97	0.00	19.43	14.68	15.83
STANDARD DEVIATION	6.32	4.25	5.72	4.75	0.00	11.12	9.02	9.58
RAVENS								
MEAN	15.00	15.67	18.50	15.72	0.00	18.86	15.95	16.66
STANDARD DEVIATION	4.94	4.50	2.38	4.50	0.00	7.95	6.85	7.09
READING								
MEAN	17.92	18.29	18.50	19.12	0.00	21.29	16.41	17.59
STANDARD DEVIATION	6.93	4.68	4.51	5.12	0.00	2.06	5.75	5.49
MATH CONCEPTS								
MEAN	10.08	13.19	10.25	12.34	0.00	18.00	16.59	16.93
STANDARD DEVIATION	6.10	5.29	5.32	5.56	0.00	6.48	5.59	5.73
MATH COMPUTATIONS								
MEAN	11.00	13.36	13.25	12.86	0.00	18.86	14.55	15.59
STANDARD DEVIATION	4.29	6.57	.50	6.28	0.00	8.01	6.21	6.80
MATH PROBLEM SOLVING								
MEAN	8.58	10.60	10.75	10.19	0.00	15.57	13.23	13.79
STANDARD DEVIATION	5.61	4.92	6.45	4.65	0.00	7.07	6.16	6.34
COOPERSMITH								
MEAN	33.50	36.24	37.75	35.78	0.00	39.71	35.95	36.86
STANDARD DEVIATION	8.19	5.74	5.50	6.31	0.00	5.65	5.56	5.72
IARS(-)								
MEAN	8.17	8.83	8.25	8.66	0.00	10.57	10.09	10.21
STANDARD DEVIATION	2.08	2.82	3.30	2.82	0.00	2.51	3.60	3.33
IARS(+)								
MEAN	13.50	12.62	14.00	12.90	0.00	13.14	11.82	12.14
STANDARD DEVIATION	1.38	2.17	1.41	2.02	0.00	1.77	2.42	2.33
TOTAL READING								
MEAN	23.08	26.93	20.25	25.67	0.00	40.57	36.23	37.28
STANDARD DEVIATION	11.87	12.13	8.85	11.91	0.00	16.63	14.78	15.06
TOTAL MATH								
MEAN	34.58	39.62	42.50	38.78	0.00	53.29	43.73	46.03
STANDARD DEVIATION	12.34	13.63	8.70	13.12	0.00	22.51	17.11	18.58
LANGUAGE PART A								
MEAN	4.83	5.74	7.00	5.64	0.00	8.57	7.00	7.38
STANDARD DEVIATION	2.37	2.84	3.56	2.80	0.00	3.82	4.04	3.98
LANGUAGE PART B								
MEAN	6.67	6.26	6.00	6.33	0.00	10.86	7.68	8.45
STANDARD DEVIATION	4.95	2.91	3.56	3.39	0.00	8.38	5.92	6.58

Table F17-(2)-IIIEF (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR RESPONSIVE EDUCATION MODEL IN OWENSBORO, KY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	74	9	29	112	2	7	4	13
WORD KNOWLEDGE								
MEAN	15.02	22.89	15.62	16.21	23.50	30.00	34.00	30.23
STANDARD DEVIATION	8.57	11.61	10.49	9.47	27.58	9.90	7.26	11.74
SPELLING								
MEAN	8.20	16.78	7.97	8.23	21.50	22.43	31.75	25.15
STANDARD DEVIATION	10.79	15.54	9.66	11.06	20.51	8.89	7.80	10.53
LANGUAGE								
MEAN	13.49	15.33	15.76	14.22	21.00	21.57	32.50	24.85
STANDARD DEVIATION	6.71	8.02	8.76	7.39	21.21	10.10	2.38	10.87
RAVENS								
MEAN	14.74	17.44	14.03	14.78	21.00	22.57	31.00	24.92
STANDARD DEVIATION	5.78	6.88	7.19	6.26	7.07	6.63	5.48	7.19
READING								
MEAN	16.53	16.67	16.28	16.47	22.50	20.43	23.75	21.77
STANDARD DEVIATION	4.25	4.36	4.86	4.39	3.54	5.44	2.06	4.40
MATH CONCEPTS								
MEAN	12.01	17.67	13.97	13.37	18.00	20.14	27.50	22.08
STANDARD DEVIATION	5.22	9.22	6.83	6.15	15.56	7.82	7.77	8.98
MATH COMPUTATIONS								
MEAN	11.32	13.33	12.07	11.68	17.50	22.29	30.25	24.00
STANDARD DEVIATION	5.03	6.42	7.27	6.24	9.19	7.02	2.50	7.42
MATH PROBLEM SOLVING								
MEAN	10.07	12.33	10.83	10.45	17.50	20.00	26.25	20.92
STANDARD DEVIATION	5.08	3.81	5.86	5.21	13.44	6.95	4.99	7.18
COOPERSMITH								
MEAN	34.08	36.33	33.38	34.08	36.50	39.57	40.50	39.38
STANDARD DEVIATION	7.76	8.86	7.11	7.66	7.78	7.59	2.65	6.12
IARS(-)								
MEAN	7.72	10.00	7.97	7.96	13.00	9.00	7.50	9.15
STANDARD DEVIATION	3.09	2.24	3.71	3.57	4.24	1.63	3.11	2.94
IARS(+)								
MEAN	11.09	13.78	12.69	12.12	13.50	12.00	13.00	12.54
STANDARD DEVIATION	3.11	1.99	2.38	2.92	2.12	2.08	3.56	2.47
TOTAL READING								
MEAN	28.23	40.56	29.59	29.57	41.50	50.14	61.50	52.31
STANDARD DEVIATION	12.99	19.89	15.08	14.42	43.13	17.30	13.48	20.01
TOTAL MATH								
MEAN	36.14	43.11	36.93	36.90	56.00	64.86	85.50	69.85
STANDARD DEVIATION	14.53	16.45	18.34	15.71	29.70	19.43	11.00	20.51
LANGUAGE PART A								
MEAN	5.57	7.22	7.31	6.15	9.50	9.71	11.00	9.92
STANDARD DEVIATION	3.15	4.12	3.81	3.48	9.19	4.15	2.16	4.19
LANGUAGE PART B								
MEAN	7.92	8.11	8.45	8.07	12.50	11.86	21.50	14.92
STANDARD DEVIATION	4.59	5.13	6.23	5.06	12.02	6.15	2.38	7.30

Table F11-(3)-IIK

SUMMARY OF EFFECTS FOR TEEM MODEL IN COHORT II-K, BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS: PBLA[a]			PBPA[b]		
	PRESCHOOL CATEGORY	Head Start	Some Preschool	No Preschool	Head Start	Some Preschool	No Preschool
BASIC SKILLS	Word Knowledge						-
	Spelling	-					-
	Language				-	+	
	Math Computations						-
COGNITIVE CONCEPTUAL SKILLS	Raven's				+	+	
	Reading			-			-
	Math Concepts						-
	Math Problem Solving						-
AFFECTIVE MEASURES	Coopersmith	-			-	-	
	IARS(-)	-	-		-	-	
	IARS(+)			-		-	-
	Total Reading			-			-
	Total Math						-
	Language Part A						-
	Language Part B				-	+	

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:	
+	FT-favoring effect
-	NFT-favoring effect
blank	Null effect
▨	Sample size of less than 30 children in FT and/or NFT

Table F12-(3)-IIK

SUMMARY OF EFFECTS IN COHORT II-K SITES IN THE TEEM MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE: Baltimore, MD					Lakewood, NJ					Lincoln, NB					Wichita, KS				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge	-	-	-	-	-								-	-	-				▨	
Spelling	-	-	-	-	-				-	-				-	-				▨	-
Language					-		-		-	-				-	-					
Math Computations												-	-	-		-				
Raven's									+					-					▨	
Reading			-	-							-	-	-	-	-				▨	
Math Concepts	-	-	-	-	-					-		-	-	-	-	-			+	-
Math Problem Solving				-	-							-	-	▨	-				+	
Coopersmith				-		-	-		-						+	-				
IARS (-)	-	-	-	-	-		-	-	-	-		-	-	-	-					+
IARS (+)	-	-	-	-	-	-	-	-	▨	-									-	
Total Reading	-		-	-	-						-		-	-	-				▨	
Total Math	-		-	-	-								-	-	-					-
Language Part A	-	-	-	-	-														▨	+
Language Part B				+			-		-	-				-	-					

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(3)-IIK

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT II-K CHILDREN IN THE TEEM MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPU-LATION	SITES									
		All[a]		Baltimore, MD		Lakewood, NJ		Lincoln, NB		Wichita, KS	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT
TOTAL READING											
Third Grade Median	61.0	50.6	58.0	38.9	50.6	48.2	52.8	58.0	70.0	57.1	58.5
Median Percentile	50	20	40	4	20	12	24	40	76	36	40
Grade Equivalent	3.5	2.5	3.2	1.8	2.5	2.3	2.7	3.2	4.5	3.1	3.2
% 1 Year or More Below Grade Level	20	51	33	90	54	56	42	29	19	30	26
TOTAL MATHEMATICS											
Third Grade Median	70.5	56.8	61.4	49.5	55.0	54.0	56.5	63.1	73.1	60.5	61.0
Median Percentile	50	12	20	5	10	9	11	26	60	18	20
Grade Equivalent	3.8	2.7	3.0	2.2	2.5	2.4	2.6	3.2	4.0	3.0	3.0
% 1 Year or More Below Grade Level	12	55	41	82	59	62	52	31	11	46	42
SPELLING											
Third Grade Median	64.0	53.7	61.6	39.4	59.2	51.9	56.8	62.1	67.4	61.4	63.0
Median Percentile	50	22	44	2	36	18	30	44	60	40	48
Grade Equivalent	3.6	2.6	3.4	1.5	3.0	2.5	2.9	3.4	4.1	3.3	3.5
% 1 Year or More Below Grade Level	22	51	31	87	41	56	40	29	16	31	26
LANGUAGE											
Third Grade Median	70.0	56.5	60.8	50.5	55.3	55.6	58.8	62.5	69.0	57.4	60.0
Median Percentile	50	18	28	8	14	18	23	30	48	20	26
Grade Equivalent	4.0	2.6	3.1	2.1	2.5	2.6	2.9	3.2	3.9	2.7	3.0
% 1 Year or More Below Grade Level	14	69	55	91	79	73	58	47	26	64	58

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(3)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR TEEM MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	152	45	60	257	52	38	77	167
FALL KINDERGARTEN WRAT								
MEAN	28.22	32.13	32.58	29.92	29.13	37.89	33.91	33.33
STANDARD DEVIATION	12.43	15.58	13.77	13.44	11.40	13.18	14.28	13.56
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.31	15.11	13.93	13.83	13.58	15.21	14.84	14.73
STANDARD DEVIATION	1.79	2.49	2.02	2.10	1.64	2.53	2.06	2.19
NUMBER	105	37	59	201	24	38	77	139
FAMILY INCOME IN DOLLARS								
MEAN	4367.91	6891.49	5881.15	5272.13	4869.52	7815.37	7213.99	6988.84
STANDARD DEVIATION	1996.73	3199.28	3322.00	2850.11	2598.94	2726.95	2680.55	2837.44
MEDIAN	4327.27	8125.00	6624.75	4749.50	4500.00	9375.25	7599.80	7450.10
NUMBER	106	37	59	202	23	38	77	138
FAMILY INCOME GE 9999								
PERCENT	1.89	40.54	20.34	14.36	4.35	42.11	29.87	28.99
CHILDS ETHNICITY								
PERCENT WHITE	20.39	42.22	56.67	32.68	15.38	60.53	66.23	51.95
PERCENT BLACK	71.71	55.56	43.33	62.26	84.62	36.84	28.57	44.81
CHILDS SEX								
PERCENT FEMALE	57.24	37.78	46.67	51.36	44.23	60.53	48.05	49.70
ENTRY AGE IN MONTHS								
MEAN	68.92	68.93	67.90	68.68	68.20	69.40	69.70	69.17
STANDARD DEVIATION	4.32	4.92	4.46	4.46	4.58	3.78	3.76	4.06
PRIMARY LANGUAGE								
PERCENT ENGLISH	95.39	97.78	98.33	96.50	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.33	13.50	11.88	11.89	11.19	12.77	12.60	12.43
STANDARD DEVIATION	2.06	2.42	1.82	2.52	2.16	2.25	1.86	2.07
NUMBER	104	37	58	199	20	36	75	131
PERCENT HS GRAD	40.38	70.27	43.10	46.73	35.00	63.89	70.67	63.36
FEMALE HEADED HOUSEHOLD								
PERCENT	58.93	35.14	33.33	47.37	45.83	21.05	16.88	23.02
NUMBER	112	37	60	209	24	38	77	139
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	59.14	100.00	0.00	0.00	31.14
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	17.51	0.00	100.00	0.00	22.75
PERCENT NO PRESCHOOL	0.00	0.00	100.00	23.35	0.00	0.00	100.00	46.11

Table F15-(3)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR TEEM MODEL IN LAKEWOOD, NJ

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	61	6	4	71	11	13	24	48
FALL KINDERGARTEN WRAT								
MEAN	29.85	28.17	43.25	30.46	28.82	29.62	33.37	31.31
STANDARD DEVIATION	14.73	11.28	5.25	14.33	9.85	14.55	14.63	13.33
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.35	15.17	15.50	13.65	13.18	13.23	14.12	13.67
STANDARD DEVIATION	1.73	2.99	1.73	1.97	1.25	2.05	2.11	1.95
NUMBER	55	6	4	65	11	13	24	48
FAMILY INCOME IN DOLLARS								
MEAN	5124.96	7083.00	9124.50	5545.36	4681.73	5884.46	6791.37	6062.29
STANDARD DEVIATION	2143.09	3322.58	1030.21	2437.87	2581.20	3042.21	2884.86	2929.07
MEDIAN	4916.03	8650.00	8750.00	5166.33	4500.00	6500.00	7083.33	6416.67
NUMBER	56	6	4	66	11	13	24	48
FAMILY INCOME GE 9999								
PERCENT	3.57	33.33	50.00	9.09	9.09	15.38	29.17	20.83
CHILDS ETHNICITY								
PERCENT WHITE	8.20	50.00	100.00	16.90	27.27	7.69	45.83	31.25
PERCENT BLACK	75.41	33.33	0.00	67.61	72.73	92.31	45.83	64.58
CHILDS SEX								
PERCENT FEMALE	59.02	33.33	50.00	56.34	54.55	61.54	54.17	56.25
ENTRY AGE IN MONTHS								
MEAN	69.58	69.20	75.26	69.87	71.25	68.23	69.08	69.35
STANDARD DEVIATION	3.51	3.38	5.61	3.81	5.23	3.63	3.51	4.05
PRIMARY LANGUAGE								
PERCENT ENGLISH	88.52	83.33	100.00	88.73	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.19	13.16	11.60	11.39	11.42	10.83	11.72	11.41
STANDARD DEVIATION	3.10	3.74	4.52	3.24	2.52	1.87	1.86	2.01
NUMBER	57	6	4	67	10	12	23	45
PERCENT HS GRAD	42.11	50.00	50.00	43.28	40.00	16.67	52.17	40.00
FEMALE HEADED HOUSEHOLD								
PERCENT	50.00	33.33	0.00	45.71	45.45	30.77	29.17	33.33
NUMBER	60	6	4	70	11	13	24	48
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	85.92	100.00	0.00	0.00	22.92
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	8.45	0.00	100.00	0.00	27.08
PERCENT NO PRESCHOOL	0.00	0.00	100.00	5.63	0.00	0.00	100.00	50.00

Table F15-(3)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR TEEM MODEL IN LINCOLN, NH

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	15	10	26	51	2	22	37	61
FALL KINDERGARTEN WRAT								
MEAN	27.00	42.60	35.62	34.69	31.50	43.18	37.62	39.43
STANDARD DEVIATION	8.55	11.96	15.93	14.15	9.19	10.55	13.74	12.77
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	14.38	15.70	14.54	14.77	13.00	16.64	15.73	15.97
STANDARD DEVIATION	3.10	2.58	2.18	2.46	1.41	1.81	1.85	1.93
NUMBER	8	10	26	44	2	22	37	61
FAMILY INCOME IN DOLLARS								
MEAN	4375.00	8599.40	7326.69	7079.27	7750.00	9090.32	8405.03	8630.70
STANDARD DEVIATION	1575.98	2354.27	2595.68	2723.29	2474.87	1701.46	1839.94	1811.43
MEDIAN	4250.00	9479.33	7916.83	7749.50	7750.00	9826.27	8937.62	9500.00
NUMBER	8	10	26	44	2	22	37	61
FAMILY INCOME GE 9999								
PERCENT	0.00	60.00	23.08	27.27	0.00	59.09	37.84	44.26
CHILDS ETHNICITY								
PERCENT WHITE	40.00	80.00	84.62	70.59	100.00	100.00	100.00	100.00
PERCENT BLACK	46.67	20.00	15.38	25.49	0.00	0.00	0.00	0.00
CHILDS SEX								
PERCENT FEMALE	60.00	30.00	42.31	45.10	0.00	54.55	43.24	45.90
ENTRY AGE IN MONTHS								
MEAN	68.00	71.76	68.41	69.18	70.40	70.15	70.59	70.43
STANDARD DEVIATION	3.73	3.57	3.73	3.85	3.14	3.92	3.72	3.73
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	96.15	98.04	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	12.22	13.78	12.58	12.80	10.05	14.05	13.29	13.49
STANDARD DEVIATION	1.51	2.55	1.44	1.81	0.00	1.63	1.69	1.73
NUMBER	8	10	25	43	2	21	37	60
PERCENT HS GRAD	50.00	70.00	64.00	62.79	0.00	95.24	83.78	85.00
FEMALE HEADED HOUSEHOLD								
PERCENT	75.00	20.00	7.69	22.73	0.00	13.64	2.70	6.56
NUMBER	8	10	26	44	2	22	37	61
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	29.41	100.00	0.00	0.00	3.28
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	19.61	0.00	100.00	0.00	36.07
PERCENT NO PRESCHOOL	0.00	0.00	100.00	50.98	0.00	0.00	100.00	60.66

Table F15-(3)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR TEEM MODEL IN WICHITA, KS

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	50	10	7	67	3	2	14	19
FALL KINDERGARTEN WRAT								
MEAN	26.10	37.00	32.14	28.36	30.67	36.50	25.86	27.74
STANDARD DEVIATION	9.99	17.06	7.56	11.65	14.01	.71	13.05	12.55
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.10	15.70	14.71	13.91	15.67	14.00	14.07	14.32
STANDARD DEVIATION	1.45	2.26	1.38	1.95	2.31	2.83	1.64	1.83
NUMBER	29	10	7	46	3	2	14	19
FAMILY INCOME IN DOLLARS								
MEAN	3625.00	8099.40	8713.86	5410.91	5333.33	7249.50	5357.00	5552.47
STANDARD DEVIATION	1214.31	2736.12	1349.13	2844.70	2256.62	3888.38	2706.06	2655.40
MEDIAN	3650.00	9005.67	8500.00	4843.75	5500.00	7249.50	4750.00	5000.00
NUMBER	28	10	7	45	3	2	14	19
FAMILY INCOME GE 9999								
PERCENT	0.00	60.00	42.86	20.00	0.00	50.00	14.29	15.79
CHILDS ETHNICITY								
PERCENT WHITE	40.00	80.00	100.00	52.24	33.33	0.00	21.43	21.05
PERCENT BLACK	60.00	20.00	0.00	47.76	66.67	50.00	64.29	63.16
CHILDS SEX								
PERCENT FEMALE	54.00	60.00	57.14	55.22	33.33	100.00	50.00	52.63
ENTRY AGE IN MONTHS								
MEAN	70.06	71.08	69.78	70.18	74.79	67.20	69.86	69.62
STANDARD DEVIATION	4.12	6.32	3.88	4.85	1.77	.51	4.09	4.24
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.54	14.20	12.99	12.42	13.00	11.97	12.34	12.37
STANDARD DEVIATION	2.08	1.69	1.17	2.15	0.00	1.45	1.67	1.52
NUMBER	26	10	7	43	2	2	14	18
PERCENT HS GRAD	42.31	100.00	85.71	62.79	100.00	50.00	71.43	72.22
FEMALE HEADED HOUSEHOLD								
PERCENT	63.33	10.00	0.00	42.55	33.33	0.00	35.71	31.58
NUMBER	30	10	7	47	3	2	14	19
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	74.63	100.00	0.00	0.00	15.79
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	14.93	0.00	100.00	0.00	10.53
PERCENT NO PRESCHOOL	0.00	0.00	100.00	10.45	0.00	0.00	100.00	73.68

Table F15-(3)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR TEEM MODEL IN BALTIMORE, MD

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	26	19	23	68	36	1	2	39
FALL KINDERGARTEN WRAT								
MEAN	28.04	25.32	27.43	27.32	28.97	32.00	28.00	29.00
STANDARD DEVIATION	15.10	11.05	11.89	12.89	12.58	0.00	14.14	12.30
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.00	14.00	12.68	13.09	13.50	12.00	12.50	13.18
STANDARD DEVIATION	1.63	2.28	1.39	1.75	1.60	0.00	.71	1.47
NUMBER	13	11	22	46	8	1	2	11
FAMILY INCOME IN DOLLARS								
MEAN	2821.43	4136.27	2681.77	3063.79	4142.86	6000.00	3250.00	4150.00
STANDARD DEVIATION	1462.44	2617.89	1948.85	2047.17	2718.98	0.00	1060.66	2369.36
MEDIAN	2750.00	3166.67	2107.14	2428.57	2875.00	6000.00	3250.00	3000.00
NUMBER	14	11	22	47	7	1	2	10
FAMILY INCOME GE 9999								
PERCENT	0.00	9.09	4.55	4.26	0.00	0.00	0.00	0.00
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	4.35	1.47	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	95.65	98.53	100.00	100.00	100.00	100.00
CHILDS SEX								
PERCENT FEMALE	57.69	31.58	47.83	47.06	44.44	100.00	50.00	46.15
ENTRY AGE IN MONTHS								
MEAN	65.23	66.23	65.48	65.59	66.55	72.30	66.37	66.69
STANDARD DEVIATION	3.70	3.87	3.41	3.62	3.52	0.00	2.14	3.52
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.88	12.80	10.77	11.29	10.29	10.95	10.95	10.46
STANDARD DEVIATION	2.08	2.11	1.01	1.83	1.08	0.00	0.00	1.70
NUMBER	13	11	22	46	6	1	1	8
PERCENT HS GRAD	23.08	54.55	4.55	21.74	16.67	0.00	0.00	12.50
FEMALE HEADED HOUSEHOLD								
PERCENT	78.57	72.73	78.26	77.08	62.50	100.00	0.00	54.55
NUMBER	14	11	23	48	8	1	2	11
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	38.24	100.00	0.00	0.00	92.31
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	27.94	0.00	100.00	0.00	2.56
PERCENT NO PRESCHOOL	0.00	0.00	100.00	33.82	0.00	0.00	100.00	5.13

Table F16-(3)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR TEEM MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	152	45	60	257	52	38	77	167
WORD KNOWLEDGE								
MEAN	18.67	21.87	21.79	19.81	18.46	28.37	30.48	26.26
STANDARD DEVIATION	10.50	14.73	13.72	12.15	10.35	13.55	11.64	12.82
SPELLING								
MEAN	12.09	12.56	13.87	13.06	16.00	19.74	22.96	20.05
STANDARD DEVIATION	11.66	13.74	13.06	12.33	13.10	12.75	12.07	12.83
LANGUAGE								
MEAN	14.98	16.98	17.38	15.60	15.25	22.39	20.90	19.48
STANDARD DEVIATION	7.22	9.30	8.74	8.07	7.87	10.21	9.73	9.63
RAVENS								
MEAN	14.12	15.69	16.93	15.05	14.08	19.21	20.17	18.34
STANDARD DEVIATION	5.92	8.50	7.85	6.98	7.91	8.59	7.52	8.06
READING								
MEAN	18.03	19.69	20.12	18.81	16.65	20.92	21.64	19.92
STANDARD DEVIATION	4.89	4.69	4.65	4.88	4.79	5.12	4.45	5.19
MATH CONCEPTS								
MEAN	15.05	17.33	17.03	15.91	14.27	21.89	23.39	20.21
STANDARD DEVIATION	6.98	10.12	9.23	8.19	7.31	10.02	8.60	9.67
MATH COMPUTATIONS								
MEAN	12.69	15.29	16.22	13.97	13.96	20.16	21.10	18.66
STANDARD DEVIATION	5.68	9.55	9.81	8.16	7.15	9.47	8.34	8.81
MATH PROBLEM SOLVING								
MEAN	10.99	13.33	13.45	11.67	10.85	16.87	14.57	14.86
STANDARD DEVIATION	5.33	8.10	7.93	6.69	5.65	8.43	7.62	7.72
COOPERSMITH								
MEAN	33.99	36.96	35.63	34.44	37.18	38.32	36.18	36.95
STANDARD DEVIATION	7.62	8.08	7.61	7.75	6.74	9.40	9.17	8.54
IARS(-)								
MEAN	9.48	8.09	8.58	9.03	10.33	10.68	10.18	10.36
STANDARD DEVIATION	2.70	3.15	2.98	2.89	2.53	2.49	2.92	2.70
IARS(+)								
MEAN	14.50	14.20	14.73	14.54	15.29	16.50	16.27	16.02
STANDARD DEVIATION	3.93	4.56	3.20	3.59	3.35	1.96	2.26	2.62
TOTAL READING								
MEAN	33.72	38.60	38.77	35.72	32.73	50.26	53.87	46.47
STANDARD DEVIATION	16.95	24.32	22.33	19.55	17.03	23.67	19.64	21.87
TOTAL MATH								
MEAN	37.31	44.31	46.57	40.70	39.79	56.26	57.86	51.86
STANDARD DEVIATION	15.29	24.50	24.16	19.82	18.42	26.70	21.93	22.96
LANGUAGE PART A								
MEAN	6.91	6.98	7.87	7.15	7.35	9.08	9.53	8.75
STANDARD DEVIATION	3.37	3.42	3.11	3.33	3.16	3.43	3.26	3.39
LANGUAGE PART B								
MEAN	7.57	10.00	9.52	8.45	7.90	13.32	11.36	10.73
STANDARD DEVIATION	5.17	6.86	6.65	5.96	5.74	7.86	7.60	7.38

Table F17-(3)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR TEEM MODEL IN LAKEWOOD, NJ

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	61	6	4	71	11	13	24	48
WORD KNOWLEDGE								
MEAN	17.07	16.83	28.50	17.69	18.36	16.85	25.75	21.65
STANDARD DEVIATION	9.32	13.26	9.88	10.07	9.96	9.63	10.78	10.92
SPELLING								
MEAN	11.25	6.83	17.75	11.24	13.73	10.00	20.79	16.25
STANDARD DEVIATION	11.29	8.88	8.10	11.03	13.39	9.62	12.39	12.64
LANGUAGE								
MEAN	13.03	19.00	20.50	13.96	17.00	13.77	20.29	17.77
STANDARD DEVIATION	5.04	9.19	5.07	6.30	8.75	5.75	11.22	9.70
RAVENS								
MEAN	13.66	18.50	19.75	14.41	13.27	11.92	17.00	14.77
STANDARD DEVIATION	5.66	11.93	6.70	6.71	7.60	4.80	6.12	6.47
READING								
MEAN	17.92	21.33	22.25	18.45	16.45	17.69	20.50	18.81
STANDARD DEVIATION	4.97	2.66	3.20	4.89	5.05	4.77	5.11	5.20
MATH CONCEPTS								
MEAN	14.48	15.00	21.00	14.89	13.36	12.54	20.58	16.75
STANDARD DEVIATION	5.32	9.74	8.91	6.06	6.62	6.68	8.82	8.60
MATH COMPUTATIONS								
MEAN	11.84	15.50	18.75	12.54	12.45	11.15	18.13	14.94
STANDARD DEVIATION	6.60	11.78	7.93	7.30	7.83	4.41	7.79	7.64
MATH PROBLEM SOLVING								
MEAN	9.59	13.83	14.00	10.20	8.55	9.15	12.79	10.83
STANDARD DEVIATION	4.74	10.05	5.83	5.50	5.05	3.05	7.27	6.13
COOPERSMITH								
MEAN	32.64	37.50	37.75	33.34	38.73	35.85	36.29	36.73
STANDARD DEVIATION	9.48	8.92	9.64	9.13	7.40	8.05	9.20	8.42
TARS(-)								
MEAN	9.52	9.50	10.75	9.59	11.18	10.54	11.42	11.12
STANDARD DEVIATION	2.62	2.66	1.71	2.57	1.94	2.76	2.15	2.27
TARS(+)								
MEAN	14.00	16.17	16.00	14.30	14.18	16.00	16.67	15.92
STANDARD DEVIATION	4.17	2.64	2.71	4.03	2.32	1.96	1.81	2.17
TOTAL READING								
MEAN	31.54	31.83	49.50	32.58	31.73	29.38	46.33	38.40
STANDARD DEVIATION	13.79	22.87	18.48	15.24	15.17	15.60	18.86	18.72
TOTAL MATH								
MEAN	35.08	47.83	52.50	37.14	34.27	32.23	47.92	40.54
STANDARD DEVIATION	14.30	31.74	19.47	17.08	17.62	7.60	18.95	17.68
LANGUAGE PART A								
MEAN	6.69	7.00	9.75	6.89	7.64	6.23	9.33	8.10
STANDARD DEVIATION	3.18	2.76	2.87	3.17	3.01	3.17	2.88	3.22
LANGUAGE PART B								
MEAN	6.34	12.00	10.75	7.07	9.36	7.54	10.96	9.67
STANDARD DEVIATION	3.95	6.81	3.30	4.52	6.89	3.82	9.10	7.52

Table F17-(3)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR TEEM MODEL IN LINCOLN, NE

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	15	10	26	51	2	22	37	61
WORD KNOWLEDGE								
MEAN	18.27	28.50	30.58	26.55	25.50	35.64	34.65	34.70
STANDARD DEVIATION	8.15	13.30	11.02	11.87	14.28	10.63	11.02	10.95
SPELLING								
MEAN	16.33	17.80	21.56	19.33	23.00	25.68	24.43	24.84
STANDARD DEVIATION	9.44	11.51	11.06	10.74	9.90	11.07	11.80	11.33
LANGUAGE								
MEAN	16.20	22.30	21.19	19.96	15.50	28.45	23.41	24.97
STANDARD DEVIATION	4.49	9.12	8.66	8.01	17.68	8.23	8.82	9.19
RAVENS								
MEAN	12.80	19.10	20.96	18.20	17.00	24.05	23.00	23.18
STANDARD DEVIATION	6.03	8.05	7.08	7.91	16.14	7.46	7.70	7.74
READING								
MEAN	18.93	22.30	21.42	20.86	25.00	23.86	23.24	23.52
STANDARD DEVIATION	5.04	3.07	4.13	4.67	1.41	2.82	3.68	3.33
MATH CONCEPTS								
MEAN	13.80	20.20	22.31	19.39	14.50	28.61	26.81	27.05
STANDARD DEVIATION	5.97	10.72	7.46	8.41	13.44	8.64	8.31	8.66
MATH COMPUTATIONS								
MEAN	13.07	21.10	22.00	19.43	18.50	26.14	24.92	25.15
STANDARD DEVIATION	5.03	11.22	8.32	8.91	9.19	7.17	7.46	7.39
MATH PROBLEM SOLVING								
MEAN	11.60	18.10	17.31	15.67	19.00	22.18	20.32	20.66
STANDARD DEVIATION	4.70	9.36	7.71	7.80	8.49	6.95	6.79	7.10
COOPERSMITH								
MEAN	34.80	37.70	36.50	36.24	31.50	39.14	35.19	36.49
STANDARD DEVIATION	8.30	9.63	8.85	8.73	6.05	10.43	10.05	10.18
IAPS(-)								
MEAN	7.60	7.30	8.92	8.10	8.00	10.73	10.08	10.25
STANDARD DEVIATION	3.30	3.06	3.14	3.22	0.00	2.55	3.04	2.84
IAPS(+)								
MEAN	15.07	13.90	15.42	15.02	15.00	16.64	15.97	16.18
STANDARD DEVIATION	2.09	5.22	3.16	3.37	2.83	1.92	2.69	2.63
TOTAL READING								
MEAN	32.07	48.70	52.88	45.94	42.00	64.05	61.46	61.75
STANDARD DEVIATION	12.00	23.77	17.52	19.63	29.70	18.45	18.76	18.98
TOTAL MATH								
MEAN	37.07	58.30	60.27	53.29	45.50	72.36	68.26	68.98
STANDARD DEVIATION	14.90	29.06	21.93	23.50	31.82	19.15	20.78	20.67
LANGUAGE PART A								
MEAN	8.00	8.70	9.62	9.20	6.00	10.91	10.51	10.51
STANDARD DEVIATION	3.03	3.80	2.25	2.86	4.24	2.27	2.99	2.86
LANGUAGE PART B								
MEAN	7.90	13.60	11.58	10.75	9.50	17.55	12.89	14.46
STANDARD DEVIATION	4.15	6.55	7.52	6.79	13.44	7.26	7.09	7.58

Table F17-(3)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR TEEM MODEL IN WICHITA, KS

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	50	10	7	67	3	2	14	19
WORD KNOWLEDGE								
MEAN	24.72	34.60	26.86	26.42	13.67	33.00	29.36	27.26
STANDARD DEVIATION	10.73	12.68	11.80	11.48	3.21	2.83	10.89	11.18
SPELLING								
MEAN	17.74	27.70	19.71	19.43	4.67	25.50	23.71	20.89
STANDARD DEVIATION	12.89	11.80	17.04	12.76	4.16	2.12	11.78	12.44
LANGUAGE								
MEAN	17.26	22.40	20.14	18.33	15.67	19.50	16.71	16.84
STANDARD DEVIATION	8.60	10.15	12.98	9.38	2.08	3.54	7.96	6.92
RAVENS								
MEAN	15.58	17.30	17.00	15.99	15.33	17.50	18.36	17.79
STANDARD DEVIATION	5.86	6.78	8.54	6.24	4.51	2.12	6.65	5.98
READING								
MEAN	18.20	22.70	22.29	19.30	16.00	13.00	19.79	18.47
STANDARD DEVIATION	4.75	3.30	3.99	4.83	1.00	5.66	3.29	3.92
MATH CONCEPTS								
MEAN	18.18	26.80	20.43	19.70	12.00	15.50	19.93	18.21
STANDARD DEVIATION	8.10	8.32	10.80	8.89	1.00	.71	6.34	6.22
MATH COMPUTATIONS								
MEAN	15.00	19.20	17.00	15.84	13.33	18.00	17.29	16.74
STANDARD DEVIATION	6.75	6.49	11.46	7.35	4.04	7.07	7.32	6.76
MATH PROBLEM SOLVING								
MEAN	11.84	14.50	13.71	12.43	9.33	12.00	13.21	12.47
STANDARD DEVIATION	5.92	7.62	10.86	6.76	4.04	4.24	5.96	5.53
COOPERSMITH								
MEAN	34.52	37.20	35.00	34.97	35.33	45.50	38.71	38.89
STANDARD DEVIATION	6.11	5.90	7.28	6.18	10.07	2.12	7.13	7.43
TAPS(-)								
MEAN	10.36	9.50	9.43	10.13	10.67	11.00	8.64	9.21
STANDARD DEVIATION	2.07	3.17	2.37	2.28	2.08	1.41	2.95	2.80
TAPS(+)								
MEAN	15.46	16.40	14.71	15.52	16.67	17.00	16.21	16.37
STANDARD DEVIATION	2.41	2.37	2.69	2.43	1.53	2.83	1.67	1.67
TOTAL READING								
MEAN	42.90	61.40	47.29	46.12	25.67	48.50	49.29	45.47
STANDARD DEVIATION	17.71	19.63	21.80	19.29	4.04	3.54	16.32	16.51
TOTAL MATH								
MEAN	42.42	51.00	47.71	44.25	38.00	47.50	48.86	47.00
STANDARD DEVIATION	14.31	16.90	30.26	18.17	8.19	13.44	17.97	16.34
LANGUAGE PART A								
MEAN	7.78	8.40	8.29	7.93	6.33	9.00	7.71	7.32
STANDARD DEVIATION	3.48	3.31	4.35	3.50	2.31	4.24	3.81	3.74
LANGUAGE PART B								
MEAN	9.48	14.00	11.86	10.40	11.33	10.50	9.00	9.53
STANDARD DEVIATION	6.17	8.12	9.28	6.92	.58	.71	5.63	4.88

Table F17-(3)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR TEEM MODEL IN BALTIMORE, MD

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	26	19	23	68	36	1	2	39
WORD KNOWLEDGE								
MEAN	11.04	11.37	9.00	10.44	18.50	9.00	18.00	18.23
STANDARD DEVIATION	6.70	8.83	6.07	7.13	10.72	2.75	14.14	10.65
SPELLING								
MEAN	5.31	3.63	2.74	3.97	17.25	4.00	15.50	16.82
STANDARD DEVIATION	8.16	8.17	4.22	7.06	13.34	2.75	20.51	13.40
LANGUAGE								
MEAN	11.54	10.48	11.70	11.35	14.67	7.00	11.00	14.28
STANDARD DEVIATION	7.12	4.45	3.98	5.44	7.15	2.75	1.41	7.02
RAVENS								
MEAN	13.19	12.16	11.87	12.46	15.36	11.00	18.50	15.41
STANDARD DEVIATION	5.09	7.10	5.90	6.19	7.58	2.75	12.02	7.60
READING								
MEAN	17.40	16.21	17.61	17.16	16.31	14.00	18.50	16.36
STANDARD DEVIATION	4.73	4.01	4.69	4.50	4.68	2.75	9.19	4.77
MATH CONCEPTS								
MEAN	11.08	11.58	9.35	10.63	14.61	13.00	18.00	14.74
STANDARD DEVIATION	6.41	6.37	4.63	5.84	7.68	2.75	9.90	7.58
MATH COMPUTATIONS								
MEAN	9.30	10.11	9.00	9.53	14.22	10.00	13.00	14.05
STANDARD DEVIATION	5.84	6.68	6.20	6.16	7.18	2.75	9.90	7.11
MATH PROBLEM SOLVING								
MEAN	9.02	10.05	8.83	9.47	11.72	10.00	16.00	11.90
STANDARD DEVIATION	5.30	6.20	4.92	5.41	5.79	2.75	7.07	5.76
COOPERSMITH								
MEAN	32.73	34.11	34.48	33.71	37.06	38.00	35.50	37.00
STANDARD DEVIATION	5.95	8.16	6.01	6.60	6.42	2.75	4.95	6.22
IARS(-)								
MEAN	9.00	7.32	7.57	8.04	10.17	11.00	8.00	10.08
STANDARD DEVIATION	2.04	3.13	2.89	2.99	2.72	2.75	4.24	2.75
IARS(+)								
MEAN	13.85	12.58	13.74	13.46	15.53	19.00	17.50	15.72
STANDARD DEVIATION	3.54	5.07	3.39	3.96	3.71	2.75	2.12	3.69
TOTAL READING								
MEAN	22.12	22.95	18.35	21.07	33.11	22.00	36.00	32.97
STANDARD DEVIATION	12.20	14.36	9.86	12.13	17.91	2.75	24.04	17.73
TOTAL MATH								
MEAN	32.38	32.32	29.70	31.46	41.31	31.00	47.50	41.36
STANDARD DEVIATION	13.70	18.27	13.84	15.00	18.95	2.75	28.99	18.91
LANGUAGE PART A								
MEAN	4.69	5.32	5.43	5.12	7.58	6.00	6.50	7.49
STANDARD DEVIATION	2.53	2.70	1.85	2.39	3.19	2.75	2.12	3.10
LANGUAGE PART B								
MEAN	6.85	5.37	6.26	6.24	7.08	1.00	4.50	6.79
STANDARD DEVIATION	5.33	2.75	3.37	4.09	5.17	2.75	.71	5.08

Table F11-(3)-IIIEF

SUMMARY OF EFFECTS
FOR TEEM MODEL IN COHORT III-EF,
BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS					
		PBLA[a]			PBPA[b]		
	PRESCHOOL CATEGORY	Head Start	Some Preschool	No Preschool	Head Start	Some Preschool	No Preschool
BASIC SKILLS	Word Knowledge				-		
	Spelling				-		
	Language						
	Math Computations						
COGNITIVE CONCEPTUAL SKILLS	Raven's						
	Reading				-		
	Math Concepts				-		
	Math Problem Solving						
AFFECTIVE MEASURES	Coopersmith				-		-
	IARS(-)	-			-		
	IARS(+)				-		
	Total Reading				-		
	Total Math				-		
	Language Part A				-		
	Language Part B						

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:	
+	FT-favoring effect
-	NFT-favoring effect
blank	Null effect
■	Sample size of less than 30 children in FT and/or NFT

Table F12-(3)-IIIEF

SUMMARY OF EFFECTS IN COHORT III-EF SITES
IN THE TEEM MODEL,
BY OUTCOME BY ANALYSIS

OUTCOME	SITE																								
	Vermilion Par., LA					Durham Co., GA					Ft. Worth, TX					Walker Co., GA					Pike Co., KY				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge				-																					
Spelling				-	-					-	-		-	-	-										
Language																									
Math Computations				-		+	+	+	+	+													+	+	+
Raven's			▨	▨		+	+	+	+	+															
Reading				-																					
Math Concepts				-												-	-	-	-	-				+	+
Math Problem Solving				-																					
Coopersmith				-							-	-	-	-	-										
IARS (-)				-		+	+		+	+	-	-	-	-						-				-	-
IARS (+)				-	-									-				-	-	-					
Total Reading				-																					
Total Math				-																				+	+
Language Part A				-																					
Language Part B				+																					

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(3)-IIIEF

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT III-EF CHILDREN IN THE TEEM MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPULATION	SITES											
		All[a]		Vermilion Par., LA		Durham Co., NC		Ft. Worth, TX		Walker Co., GA		Pike Co., KY	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT
TOTAL READING													
Third Grade Median	61.0	50.7	55.2	45.9	52.8	55.8	60.5	46.6	51.9	48.5	53.8	56.6	56.8
Median Percentile	50	20	30	9	24	34	46	10	22	12	28	36	36
Grade Equivalent	3.5	2.5	2.9	2.2	2.7	3.0	3.4	2.2	2.6	2.3	2.8	3.1	3.1
% 1 Year or More Below Grade Level	20	57	38	77	41	40	27	72	49	63	45	31	26
TOTAL MATHEMATICS													
Third Grade Median	70.5	60.0	63.5	55.2	60.8	65.8	66.4	52.4	60.1	60.4	65.9	66.0	64.2
Median Percentile	50	18	28	10	20	34	34	7	18	18	34	34	28
Grade Equivalent	3.8	3.0	3.2	2.5	3.0	3.4	3.4	2.4	3.0	3.0	3.4	3.4	3.2
% 1 Year or More Below Grade Level	12	46	33	62	39	31	32	65	44	47	30	24	19
SPELLING													
Third Grade Median	64.0	51.8	58.4	45.3	55.5	58.1	62.5	42.7	56.3	51.0	58.0	62.0	59.5
Median Percentile	50	18	32	8	26	32	44	6	26	16	32	44	38
Grade Equivalent	3.6	2.5	3.0	2.0	2.8	3.0	3.4	1.9	2.8	2.4	3.0	3.4	3.1
% 1 Year or More Below Grade Level	22	54	39	71	48	37	30	71	48	63	40	28	30
LANGUAGE													
Third Grade Median	70.0	58.2	59.2	54.2	56.0	64.5	64.5	54.2	55.6	55.2	59.6	62.8	60.5
Median Percentile	50	22	23	12	18	34	34	12	18	14	26	32	26
Grade Equivalent	4.0	2.8	2.9	2.4	2.5	3.3	3.3	2.4	2.6	2.5	3.0	3.2	3.0
% 1 Year or More Below Grade Level	14	65	59	83	78	43	41	81	70	74	58	44	50

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(3)-IIIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR TEEM MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	152	194	72	418	78	205	145	428
FALL KINDERGARTEN WRAT								
MEAN	38.55	43.37	41.24	41.25	42.62	49.33	43.12	46.00
STANDARD DEVIATION	10.70	11.75	12.87	11.76	10.30	10.77	14.20	12.36
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.21	13.96	14.05	13.66	13.52	15.06	14.17	14.40
STANDARD DEVIATION	1.81	1.90	2.17	1.94	2.06	2.35	1.93	2.24
NUMBER	103	106	37	246	66	118	81	265
FAMILY INCOME IN DOLLARS								
MEAN	3771.93	4998.97	5604.85	4582.40	4501.40	6853.53	6483.59	6138.28
STANDARD DEVIATION	2537.39	2698.49	3020.81	2769.29	2567.70	3078.54	2718.66	3000.38
MEDIAN	3111.56	4499.50	5300.00	4160.20	4233.17	7675.12	6814.21	6114.71
NUMBER	107	110	40	257	68	117	80	265
FAMILY INCOME GE 9999								
PERCENT	3.74	11.82	15.00	8.95	7.35	31.62	16.25	20.75
CHILDS ETHNICITY								
PERCENT WHITE	39.47	43.81	51.39	43.54	74.36	66.34	73.10	70.09
PERCENT BLACK	56.58	28.66	47.22	46.65	25.64	23.90	24.83	24.53
CHILDS SEX								
PERCENT FEMALE	51.97	52.58	45.83	51.20	51.28	50.73	46.90	49.53
ENTRY AGE IN MONTHS								
MEAN	63.38	65.72	66.60	65.03	65.41	67.50	66.49	66.78
STANDARD DEVIATION	4.32	4.17	5.42	4.63	5.57	5.33	6.04	5.66
PRIMARY LANGUAGE								
PERCENT ENGLISH	96.71	86.60	100.00	92.58	100.00	96.08	96.55	96.96
MOTHERS EDUCATION IN YEARS								
MEAN	9.64	10.61	9.99	10.11	10.16	12.00	10.66	11.13
STANDARD DEVIATION	3.29	2.98	2.63	3.09	3.14	3.05	3.02	3.15
NUMBER	103	104	37	244	63	114	79	256
PERCENT HS GRAD	26.21	37.50	13.51	29.10	28.57	52.63	34.18	41.02
FEMALE HEADED HOUSEHOLD								
PERCENT	28.97	15.45	27.50	22.96	17.65	9.24	9.88	11.57
NUMBER	107	110	40	257	68	119	81	268
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	36.36	100.00	0.00	0.00	18.22
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	46.41	0.00	100.00	0.00	47.90
PERCENT NO PRESCHOOL	0.00	0.00	100.00	17.22	0.00	0.00	100.00	33.88

Table F15-(3)-IIIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR TEEM MODEL IN VERMILION PARISH, LA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	90	18	7	115	9	9	28	46
FALL KINDERGARTEN WRAT								
MEAN	35.11	48.50	28.71	36.82	40.67	40.89	39.43	39.96
STANDARD DEVIATION	10.03	13.90	12.72	11.99	7.87	10.59	14.25	12.38
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.08	13.70	15.17	13.37	12.87	13.67	14.18	13.84
STANDARD DEVIATION	1.97	1.95	2.23	2.05	1.73	1.41	2.07	1.93
NUMBER	48	10	6	64	8	9	28	45
FAMILY INCOME IN DOLLARS								
MEAN	2759.96	4490.00	4650.00	3193.91	3587.50	6277.67	6171.29	5733.22
STANDARD DEVIATION	2160.27	2169.72	3373.28	2375.74	1690.68	3133.45	2947.61	2931.09
MEDIAN	1700.00	3890.00	2250.00	2022.22	3300.00	7700.00	5799.50	5224.87
NUMBER	50	10	6	66	8	9	28	45
FAMILY INCOME GE 9999								
PERCENT	4.00	0.00	0.00	3.03	0.00	11.11	14.29	11.11
CHILDS ETHNICITY								
PERCENT WHITE	25.56	16.67	14.29	23.48	66.67	55.56	100.00	84.78
PERCENT BLACK	74.44	83.33	85.71	76.52	33.33	44.44	0.00	15.22
CHILDS SEX								
PERCENT FEMALE	48.89	66.67	28.57	50.43	22.22	44.44	21.43	26.09
ENTRY AGE IN MONTHS								
MEAN	62.41	62.41	63.74	62.49	65.61	66.35	66.15	66.08
STANDARD DEVIATION	3.79	3.33	2.92	3.66	7.37	4.04	7.51	6.82
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	88.89	85.71	89.13
MOTHERS EDUCATION IN YEARS								
MEAN	9.80	11.47	10.37	10.07	8.32	11.80	10.15	10.16
STANDARD DEVIATION	3.67	2.53	2.55	3.46	3.75	2.66	3.46	3.46
NUMBER	48	8	6	62	7	8	28	43
PERCENT HS GRAD	33.33	50.00	16.67	33.87	14.29	75.00	32.14	37.21
FEMALE HEADED HOUSEHOLD								
PERCENT	44.00	20.00	33.33	39.39	0.00	0.00	14.29	8.89
NUMBER	50	10	6	66	8	9	28	45
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	78.26	100.00	0.00	0.00	19.57
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	15.65	0.00	100.00	0.00	19.57
PERCENT NO PRESCHOOL	0.00	0.00	100.00	6.09	0.00	0.00	100.00	60.87

Table F15-(3)-IIIEF (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR TEEM MODEL IN DURHAM CO., NC

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	1	42	27	70	1	50	53	104
FALL KINDERGARTEN WRAT								
MEAN	54.00	47.81	46.44	47.37	31.00	52.50	46.21	49.09
STANDARD DEVIATION	0.00	9.72	12.33	10.70	0.00	9.68	12.81	11.85
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.00	14.92	14.50	14.80	13.00	16.29	14.96	15.80
STANDARD DEVIATION	0.00	2.07	2.83	2.19	0.00	2.36	2.16	2.37
NUMBER	1	37	8	46	1	45	23	69
FAMILY INCOME IN DOLLARS								
MEAN	2500.00	6624.00	6089.80	6426.79	3200.00	7983.89	7045.27	7609.87
STANDARD DEVIATION	0.00	3040.98	3348.52	3093.01	0.00	2690.97	2373.37	2647.62
MEDIAN	2500.00	6649.75	6300.00	6233.17	3200.00	9919.00	7800.00	8166.67
NUMBER	1	37	10	48	1	45	22	68
FAMILY INCOME GE 9999								
PERCENT	0.00	32.43	20.00	29.17	0.00	55.56	18.18	42.65
CHILDS ETHNICITY								
PERCENT WHITE	0.00	54.76	55.56	54.29	0.00	76.00	77.36	75.96
PERCENT BLACK	100.00	45.24	44.44	45.71	100.00	24.00	22.64	24.04
CHILDS SEX								
PERCENT FEMALE	0.00	52.38	51.85	51.43	100.00	50.00	47.17	49.04
ENTRY AGE IN MONTHS								
MEAN	60.48	65.68	67.48	66.30	72.68	67.89	65.97	66.96
STANDARD DEVIATION	0.00	4.25	4.66	4.50	0.00	5.24	4.67	5.03
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	13.00	11.79	10.18	11.49	10.95	13.25	11.70	12.72
STANDARD DEVIATION	0.00	2.41	1.80	2.36	0.00	2.37	2.33	2.44
NUMBER	1	34	9	44	1	45	22	68
PERCENT HS GRAD	100.00	58.82	11.11	50.00	0.00	68.89	50.00	61.76
FEMALE HEADED HOUSEHOLD								
PERCENT	0.00	5.41	30.00	10.42	0.00	6.67	8.70	7.25
NUMBER	1	37	10	48	1	45	23	69
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	1.43	100.00	0.00	0.00	.96
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	60.00	0.00	100.00	0.00	48.08
PERCENT NO PRESCHOOL	0.00	0.00	100.00	38.57	0.00	0.00	100.00	50.96

Table F15-(3)-IIIEF (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR TEEM MODEL IN FORT WORTH, TX

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	13	91	15	119	6	98	37	141
FALL KINDERGARTEN WRAT								
MEAN	42.92	41.47	34.93	40.81	51.00	48.68	41.35	46.86
STANDARD DEVIATION	10.43	11.79	13.08	11.94	12.93	10.64	15.15	12.43
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.82	13.45	12.00	13.12	12.17	13.11	11.80	12.70
STANDARD DEVIATION	.75	1.90	0.00	1.57	.41	1.41	1.10	1.32
NUMBER	11	20	3	34	6	19	5	30
FAMILY INCOME IN DOLLARS								
MEAN	4009.09	4065.00	3133.33	3964.71	2366.47	3911.76	2390.00	3307.14
STANDARD DEVIATION	2070.00	1786.14	1601.04	1821.90	1888.56	3052.23	1255.79	2645.88
MEDIAN	4700.00	3900.00	3200.00	3900.00	1625.00	2375.00	1833.33	1700.00
NUMBER	11	20	3	34	6	17	5	28
FAMILY INCOME GE 9999								
PERCENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHILDS ETHNICITY								
PERCENT WHITE	0.00	17.58	0.00	13.45	0.00	45.92	27.03	39.01
PERCENT BLACK	53.85	45.05	93.33	52.10	100.00	33.67	64.86	44.68
CHILDS SEX								
PERCENT FEMALE	69.23	48.35	46.67	50.42	50.00	51.02	59.46	53.19
ENTRY AGE IN MONTHS								
MEAN	66.95	67.40	68.12	67.44	66.09	68.80	69.12	68.81
STANDARD DEVIATION	5.21	3.50	5.76	4.02	3.34	4.73	6.32	5.13
PRIMARY LANGUAGE								
PERCENT ENGLISH	61.54	71.43	100.00	73.95	100.00	92.78	97.30	94.29
MOTHERS EDUCATION IN YEARS								
MEAN	8.90	10.10	9.63	9.69	10.29	10.17	11.09	10.34
STANDARD DEVIATION	3.29	4.33	2.92	3.85	1.98	3.04	4.72	3.02
NUMBER	11	20	3	34	6	17	4	27
PERCENT HS GRAD	27.27	40.00	33.33	35.29	16.67	29.41	25.00	25.93
FEMALE HEADED HOUSEHOLD								
PERCENT	45.45	35.00	66.67	41.18	83.33	36.84	40.00	46.67
NUMBER	11	20	3	34	6	19	5	30
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	10.92	100.00	0.00	0.00	4.26
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	76.47	0.00	100.00	0.00	69.50
PERCENT NO PRESCHOOL	0.00	0.00	100.00	12.61	0.00	0.00	100.00	26.24

Table F15-(3)-IIIEF (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR TEEM MODEL IN WALKER CO., GA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	21	3	19	43	24	18	25	67
FALL KINDERGARTEN WRAT								
MEAN	44.00	49.67	42.68	43.81	42.21	52.94	43.04	45.40
STANDARD DEVIATION	10.80	7.57	9.95	10.18	10.53	9.10	15.15	12.83
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.05	14.67	13.94	13.54	13.75	16.60	13.96	14.57
STANDARD DEVIATION	1.57	1.53	1.18	1.48	1.74	1.84	1.15	1.96
NUMBER	20	3	16	39	20	15	23	58
FAMILY INCOME IN DOLLARS								
MEAN	4839.95	6733.00	6458.65	5669.87	4780.86	8355.75	7469.35	6764.75
STANDARD DEVIATION	2836.02	2840.21	2444.64	2737.21	2645.67	2224.61	1985.67	2716.99
MEDIAN	4700.00	5200.00	6200.00	5249.75	3866.67	9450.00	7133.67	6849.75
NUMBER	20	3	17	40	21	16	23	60
FAMILY INCOME GE 9999								
PERCENT	5.00	33.33	17.65	12.50	9.52	50.00	21.74	25.00
CHILDS ETHNICITY								
PERCENT WHITE	47.62	100.00	89.47	69.77	58.33	100.00	100.00	85.07
PERCENT BLACK	52.38	0.00	10.53	30.23	41.67	0.00	0.00	14.93
CHILDS SEX								
PERCENT FEMALE	38.10	0.00	52.63	41.86	58.33	38.89	56.00	52.24
ENTRY AGE IN MONTHS								
MEAN	64.91	66.84	66.12	65.58	66.40	63.80	64.02	64.81
STANDARD DEVIATION	3.37	6.02	6.41	5.02	6.61	4.32	5.08	5.55
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	9.05	10.95	10.12	10.02	11.14	13.20	10.46	11.43
STANDARD DEVIATION	2.19	0.00	1.91	1.94	2.26	3.37	2.69	2.93
NUMBER	19	2	15	36	21	16	23	60
PERCENT HS GRAD	10.53	0.00	6.67	8.33	38.10	68.75	26.09	41.67
FEMALE HEADED HOUSEHOLD								
PERCENT	15.00	33.33	17.65	17.50	23.81	6.25	0.00	10.00
NUMBER	20	3	17	40	21	16	23	60
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	48.84	100.00	0.00	0.00	35.82
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	6.98	0.00	100.00	0.00	26.87
PERCENT NO PRESCHOOL	0.00	0.00	100.00	44.19	0.00	0.00	100.00	37.31

Table F15-(3)-IIIEF (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR TEEM MODEL IN PIKE CO., KY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	27	40	4	71	38	30	2	70
FALL KINDERGARTEN WRAT								
MEAN	43.07	40.25	44.75	41.58	42.32	46.53	47.00	44.26
STANDARD DEVIATION	8.72	11.01	7.14	10.02	9.99	11.95	15.56	11.03
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.83	13.28	13.50	13.49	13.81	14.10	13.50	13.94
STANDARD DEVIATION	2.01	1.28	3.87	1.78	2.44	1.67	.71	2.05
NUMBER	23	36	4	63	31	30	2	63
FAMILY INCOME IN DOLLARS								
MEAN	4887.96	3960.00	4049.75	4301.42	4987.41	6196.57	3600.00	5510.84
STANDARD DEVIATION	2506.13	2120.69	4046.32	2391.06	2657.82	2768.46	2262.74	2750.32
MEDIAN	4933.33	3890.00	2350.00	3885.71	4799.50	6200.00	3600.00	5066.33
NUMBER	25	40	4	69	32	30	2	64
FAMILY INCOME GE 9999								
PERCENT	4.00	0.00	25.00	2.90	9.38	10.00	0.00	9.38
CHILDS ETHNICITY								
PERCENT WHITE	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
PERCENT BLACK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHILDS SEX								
PERCENT FEMALE	66.67	60.00	0.00	59.15	52.63	60.00	50.00	55.71
ENTRY AGE IN MONTHS								
MEAN	63.83	63.34	62.27	63.46	64.30	65.21	67.46	64.78
STANDARD DEVIATION	5.08	3.84	4.97	4.35	4.52	6.54	10.21	5.55
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	9.32	9.47	8.72	9.49	9.82	10.46	7.95	10.07
STANDARD DEVIATION	3.38	2.42	6.10	3.02	3.63	2.83	0.00	3.21
NUMBER	24	40	4	68	28	28	2	58
PERCENT HS GRAD	20.83	17.50	25.00	19.12	28.57	25.00	0.00	25.86
FEMALE HEADED HOUSEHOLD								
PERCENT	4.00	12.50	25.00	10.14	6.25	0.00	0.00	3.13
NUMBER	25	40	4	69	32	30	2	64
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	38.03	100.00	0.00	0.00	54.29
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	56.34	0.00	100.00	0.00	42.86
PERCENT NO PRESCHOOL	0.00	0.00	100.00	5.63	0.00	0.00	100.00	2.86

Table F16-(3)-IIIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR TEEM MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	152	194	72	418	78	205	145	428
WORD KNOWLEDGE								
MEAN	17.15	20.42	19.39	19.05	21.79	25.72	23.16	24.14
STANDARD DEVIATION	9.39	11.54	12.40	11.05	10.31	12.90	11.79	12.17
SPELLING								
MEAN	10.71	12.91	12.58	12.06	14.05	18.79	16.88	17.44
STANDARD DEVIATION	12.80	12.38	12.82	12.62	11.69	13.17	12.80	12.84
LANGUAGE								
MEAN	13.84	16.87	17.76	15.92	17.17	19.51	17.91	18.54
STANDARD DEVIATION	6.19	8.78	8.53	8.03	7.66	10.68	8.95	9.65
RAVENS								
MEAN	16.93	17.02	17.31	17.04	17.99	18.48	17.88	18.19
STANDARD DEVIATION	7.33	7.71	7.27	7.48	7.03	7.31	6.58	7.01
READING								
MEAN	16.17	17.64	18.15	17.19	17.62	19.05	18.52	18.61
STANDARD DEVIATION	4.80	4.44	5.01	4.73	5.05	4.71	5.15	4.96
MATH CONCEPTS								
MEAN	13.85	16.05	16.36	15.30	16.64	20.21	18.03	18.82
STANDARD DEVIATION	6.25	7.18	7.96	7.07	7.07	9.79	8.57	9.03
MATH COMPUTATIONS								
MEAN	12.99	15.08	15.97	14.47	15.86	18.50	16.70	17.41
STANDARD DEVIATION	6.95	7.28	7.51	7.28	7.59	8.35	7.51	7.96
MATH PROBLEM SOLVING								
MEAN	11.47	12.87	13.60	12.49	13.40	15.42	14.10	14.62
STANDARD DEVIATION	5.93	6.71	6.80	6.49	6.00	7.48	6.97	7.09
COOPERSMITH								
MEAN	34.42	35.38	34.20	34.86	35.79	37.68	36.93	37.08
STANDARD DEVIATION	7.53	7.95	8.68	7.95	7.42	7.36	7.03	7.27
IAPS(-)								
MEAN	9.65	9.96	9.51	9.77	10.32	10.40	10.16	10.30
STANDARD DEVIATION	2.81	3.08	3.13	2.99	2.97	2.72	2.78	2.78
IAPS(+)								
MEAN	12.22	12.60	12.65	12.51	12.78	13.39	12.98	13.14
STANDARD DEVIATION	2.85	2.28	2.78	2.59	2.28	2.25	2.48	2.34
TOTAL READING								
MEAN	31.00	36.47	35.75	34.36	38.66	45.96	41.19	42.96
STANDARD DEVIATION	14.55	17.66	19.76	17.15	16.76	21.96	19.60	20.68
TOTAL MATH								
MEAN	41.39	44.96	46.88	43.99	47.35	52.40	48.68	50.22
STANDARD DEVIATION	18.19	20.22	19.93	19.52	18.68	21.90	19.03	20.26
LANGUAGE PART A								
MEAN	5.98	7.31	7.96	6.94	7.05	8.33	7.07	8.16
STANDARD DEVIATION	3.19	3.70	3.71	3.64	3.32	3.74	3.53	3.59
LANGUAGE PART B								
MEAN	7.86	9.55	9.85	8.98	9.22	11.19	9.94	10.40
STANDARD DEVIATION	4.19	6.06	6.02	5.69	5.68	7.79	6.55	7.03

Table F17-(3)-IIIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR TEEM MODEL IN VERMILION PARISH, LA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	90	18	7	115	9	9	28	46
WORD KNOWLEDGE								
MEAN	14.11	25.50	15.00	15.95	23.22	16.56	20.06	19.98
STANDARD DEVIATION	5.03	11.71	13.04	8.55	8.04	6.75	9.11	8.60
SPELLING								
MEAN	7.51	16.89	7.57	8.97	19.00	11.33	15.11	15.13
STANDARD DEVIATION	10.40	14.40	13.00	11.66	10.43	3.97	11.07	10.08
LANGUAGE								
MEAN	12.59	18.28	14.86	13.62	15.33	14.33	14.68	14.74
STANDARD DEVIATION	4.79	9.68	8.61	6.31	2.55	4.53	5.53	4.82
RAVENS								
MEAN	15.03	17.61	18.14	16.10	20.22	16.22	18.21	18.22
STANDARD DEVIATION	6.81	7.76	9.19	7.10	6.92	5.47	5.20	5.63
READING								
MEAN	14.84	16.89	16.14	15.24	18.00	15.44	19.46	18.39
STANDARD DEVIATION	5.01	5.07	6.69	5.14	5.27	5.88	5.31	5.52
MATH CONCEPTS								
MEAN	11.82	15.61	12.43	12.45	16.89	13.00	16.04	15.61
STANDARD DEVIATION	4.18	7.72	9.02	5.36	7.13	4.85	6.93	6.62
MATH COMPUTATIONS								
MEAN	11.04	14.96	14.14	11.84	18.67	14.33	14.68	15.39
STANDARD DEVIATION	4.80	6.70	7.31	5.51	6.14	4.77	6.52	6.24
MATH PROBLEM SOLVING								
MEAN	9.83	12.06	11.14	10.26	14.33	9.78	12.32	12.22
STANDARD DEVIATION	4.09	6.16	6.74	4.66	5.29	3.80	4.82	4.86
COOPERSMITH								
MEAN	36.34	36.17	31.43	36.45	39.89	31.89	34.79	35.22
STANDARD DEVIATION	7.82	7.45	14.43	8.25	5.37	6.15	6.61	6.69
IARS(-)								
MEAN	9.98	11.50	10.57	10.25	11.44	10.22	9.93	10.28
STANDARD DEVIATION	2.49	2.57	1.81	2.51	2.60	2.54	2.88	2.77
IARS(+)								
MEAN	11.97	13.17	13.71	12.26	13.89	12.56	12.57	12.83
STANDARD DEVIATION	3.10	1.38	1.80	2.87	1.45	2.30	2.30	2.18
TOTAL READING								
MEAN	25.93	41.11	27.43	28.40	40.11	29.56	36.07	35.59
STANDARD DEVIATION	8.18	18.53	21.41	12.57	14.59	10.41	15.16	14.37
TOTAL MATH								
MEAN	36.51	44.61	43.43	38.20	53.22	40.33	45.21	45.83
STANDARD DEVIATION	13.55	18.52	20.94	15.10	15.65	12.64	13.95	14.35
LANGUAGE PART A								
MEAN	5.09	8.00	7.00	5.66	8.44	6.44	6.14	6.65
STANDARD DEVIATION	2.57	4.35	3.16	3.12	3.84	2.92	2.84	3.13
LANGUAGE PART B								
MEAN	7.50	10.28	7.86	7.96	6.89	7.89	8.54	8.09
STANDARD DEVIATION	3.16	6.68	6.20	4.18	3.30	3.14	3.87	3.62

Table F17-(3)-IIIEF (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR TEEM MODEL IN DURHAM CO., NC

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	1	42	27	70	1	50	53	104
WORD KNOWLEDGE								
MEAN	23.00	24.31	22.67	23.66	5.00	30.18	27.49	28.57
STANDARD DEVIATION	0.00	11.58	12.88	11.96	0.00	12.58	12.04	12.49
SPELLING								
MEAN	15.00	15.74	15.96	15.81	3.00	21.48	20.51	20.81
STANDARD DEVIATION	0.00	11.67	12.55	11.73	0.00	12.99	13.05	13.02
LANGUAGE								
MEAN	9.00	22.86	20.48	21.74	14.00	24.12	22.00	22.94
STANDARD DEVIATION	0.00	10.58	9.13	10.08	0.00	11.62	10.07	10.83
RAVENS								
MEAN	15.00	20.83	18.93	20.01	10.00	19.02	18.98	18.91
STANDARD DEVIATION	0.00	8.70	8.11	8.42	0.00	8.20	7.82	7.98
READING								
MEAN	21.00	19.52	19.19	19.41	13.00	19.16	18.68	18.86
STANDARD DEVIATION	0.00	4.44	4.75	4.50	0.00	4.73	4.89	4.81
MATH CONCEPTS								
MEAN	18.00	19.31	18.07	18.81	14.00	23.00	20.55	21.66
STANDARD DEVIATION	0.00	9.41	8.81	9.07	0.00	9.67	9.03	9.36
MATH COMPUTATIONS								
MEAN	11.00	19.48	18.85	19.11	8.00	20.32	18.36	19.20
STANDARD DEVIATION	0.00	7.77	7.26	7.53	0.00	8.45	8.16	8.35
MATH PROBLEM SOLVING								
MEAN	9.00	16.21	15.89	15.99	9.00	17.06	14.28	15.59
STANDARD DEVIATION	0.00	7.47	7.91	7.70	0.00	8.49	7.80	8.11
COOPERSMITH								
MEAN	39.00	38.88	36.93	38.13	45.00	39.36	38.34	38.89
STANDARD DEVIATION	0.00	7.03	7.86	7.32	0.00	7.29	7.13	7.18
IARS(-)								
MEAN	11.00	11.21	10.74	11.03	10.00	10.62	9.70	10.14
STANDARD DEVIATION	0.00	2.18	2.49	2.28	0.00	2.68	2.76	2.73
IARS(+)								
MEAN	13.00	13.40	13.70	13.51	10.00	13.74	13.23	13.44
STANDARD DEVIATION	0.00	1.75	1.27	1.57	0.00	1.99	2.33	2.19
TOTAL READING								
MEAN	41.00	43.62	40.74	42.47	19.00	53.16	48.06	50.23
STANDARD DEVIATION	0.00	20.20	21.13	20.31	0.00	21.61	20.29	21.12
TOTAL MATH								
MEAN	35.00	56.52	53.67	55.11	27.00	56.40	53.62	54.70
STANDARD DEVIATION	0.00	22.60	22.10	22.26	0.00	23.59	22.22	22.88
LANGUAGE PART A								
MEAN	3.00	9.60	8.81	9.20	7.00	9.66	9.36	9.47
STANDARD DEVIATION	0.00	3.61	3.93	3.78	0.00	3.45	3.57	3.49
LANGUAGE PART B								
MEAN	6.00	13.26	11.67	12.54	7.00	14.46	12.66	13.47
STANDARD DEVIATION	0.00	8.37	6.71	7.74	0.00	8.87	7.53	8.23

Table F17-(3)-IIIEF (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR TEEM MODEL IN FORT WORTH, TX

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	13	91	15	119	6	98	37	141
WORD KNOWLEDGE								
MEAN	14.77	15.63	11.00	14.95	14.67	22.86	18.54	21.46
STANDARD DEVIATION	7.11	9.10	5.04	8.58	10.31	12.56	10.70	12.13
SPELLING								
MEAN	11.62	7.86	4.40	7.82	11.67	17.53	12.16	15.87
STANDARD DEVIATION	13.94	10.32	7.77	10.56	14.99	13.73	12.44	13.60
LANGUAGE								
MEAN	13.54	12.81	12.80	12.89	13.33	16.34	15.11	15.89
STANDARD DEVIATION	3.48	5.67	5.60	5.43	4.80	9.12	7.82	8.65
RAVENS								
MEAN	16.54	14.00	12.07	14.03	13.67	17.58	14.97	16.73
STANDARD DEVIATION	6.80	6.49	3.99	6.32	5.50	6.90	5.55	6.61
READING								
MEAN	17.23	16.97	15.20	16.77	14.00	19.18	14.81	18.34
STANDARD DEVIATION	3.72	4.35	4.78	4.35	3.22	4.53	5.33	4.88
MATH CONCEPTS								
MEAN	15.31	13.90	13.47	14.00	13.50	18.45	14.38	17.17
STANDARD DEVIATION	5.12	5.24	3.87	5.06	3.83	9.23	7.45	8.81
MATH COMPUTATIONS								
MEAN	13.62	12.00	10.33	11.97	9.67	16.69	14.32	15.77
STANDARD DEVIATION	8.17	5.73	4.64	5.92	7.09	7.50	6.78	7.44
MATH PROBLEM SOLVING								
MEAN	12.77	10.47	9.53	10.61	9.17	13.99	11.43	13.11
STANDARD DEVIATION	4.51	5.35	3.58	5.32	4.45	6.67	6.11	6.57
COOPERSMITH								
MEAN	38.08	33.60	28.73	33.48	36.67	37.87	36.08	37.35
STANDARD DEVIATION	4.94	8.28	8.17	8.24	4.63	7.25	6.86	7.07
IARS(-)								
MEAN	8.92	9.11	7.00	8.82	9.50	10.13	10.24	10.13
STANDARD DEVIATION	3.30	3.36	2.45	3.30	2.07	2.71	2.80	2.70
IARS(+)								
MEAN	12.92	12.35	11.53	12.31	13.00	13.44	12.22	13.19
STANDARD DEVIATION	2.19	2.65	3.14	2.67	2.10	2.41	2.80	2.55
TOTAL READING								
MEAN	30.08	29.53	24.47	28.95	30.17	41.31	32.92	38.61
STANDARD DEVIATION	11.65	13.36	7.58	12.64	13.50	21.08	17.43	20.23
TOTAL MATH								
MEAN	42.92	36.47	31.93	36.61	32.50	48.27	44.73	45.62
STANDARD DEVIATION	19.44	15.96	8.61	15.77	15.58	19.46	16.11	18.88
LANGUAGE PART A								
MEAN	6.31	5.60	5.07	5.61	5.33	7.29	7.11	7.16
STANDARD DEVIATION	2.25	3.20	3.10	3.09	3.83	3.46	3.25	3.56
LANGUAGE PART B								
MEAN	7.23	7.21	7.73	7.28	8.00	9.05	8.00	8.73
STANDARD DEVIATION	2.92	3.36	3.56	3.28	2.10	6.37	5.52	6.03

Table F17-(3)-IIIEF (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR TEEM MODEL IN WALKER CO., GA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	21	3	19	43	24	18	25	67
WORD KNOWLEDGE								
MEAN	16.95	16.33	20.16	18.33	14.58	35.17	24.68	23.88
STANDARD DEVIATION	11.26	5.51	11.12	10.86	5.43	11.44	12.81	13.09
SPELLING								
MEAN	10.86	12.33	14.16	12.42	5.58	26.78	18.56	16.12
STANDARD DEVIATION	13.27	8.39	12.21	12.39	6.04	10.93	12.64	13.23
LANGUAGE								
MEAN	11.19	14.67	18.00	14.42	12.83	27.50	17.44	18.49
STANDARD DEVIATION	5.09	1.15	8.35	7.52	5.91	12.66	8.26	10.61
RAVENS								
MEAN	14.62	20.00	18.47	16.70	14.58	22.11	19.80	18.55
STANDARD DEVIATION	5.56	4.58	5.83	5.89	6.10	6.69	5.37	6.69
READING								
MEAN	17.95	20.33	19.42	18.77	17.04	22.22	20.04	19.55
STANDARD DEVIATION	3.77	4.16	4.22	3.99	5.50	4.11	6.75	5.23
MATH CONCEPTS								
MEAN	13.62	14.33	16.37	14.88	11.88	28.94	20.68	19.75
STANDARD DEVIATION	7.26	2.08	7.86	7.32	4.69	10.70	8.82	10.55
MATH COMPUTATIONS								
MEAN	11.29	15.33	15.63	13.49	12.46	26.67	19.24	18.81
STANDARD DEVIATION	7.01	6.35	6.98	7.11	6.21	9.27	7.07	9.24
MATH PROBLEM SOLVING								
MEAN	10.86	13.67	13.95	12.42	10.37	21.33	15.52	15.24
STANDARD DEVIATION	6.61	3.51	5.61	6.10	5.16	6.90	7.06	7.64
COOPERSMITH								
MEAN	31.24	31.67	35.21	33.02	32.08	35.44	37.60	35.06
STANDARD DEVIATION	7.10	7.57	7.03	7.20	7.67	7.17	7.43	7.71
IARS(-)								
MEAN	8.19	9.00	9.95	9.02	8.38	11.28	11.24	10.22
STANDARD DEVIATION	3.59	2.00	3.24	3.40	3.02	2.93	2.55	3.11
IARS(+)								
MEAN	11.71	15.00	11.68	11.93	12.12	13.94	13.92	13.28
STANDARD DEVIATION	2.90	1.00	3.77	3.30	2.36	2.18	2.22	2.39
TOTAL READING								
MEAN	30.57	30.67	36.53	33.21	26.46	64.11	45.36	43.63
STANDARD DEVIATION	17.84	6.43	18.56	17.61	9.35	21.55	20.77	23.02
TOTAL MATH.								
MEAN	36.76	49.00	48.05	42.60	37.42	70.11	54.56	52.60
STANDARD DEVIATION	16.89	13.86	16.54	17.20	15.64	20.47	16.87	21.58
LANGUAGE PART A								
MEAN	5.57	9.67	8.84	7.30	6.38	11.11	8.52	8.45
STANDARD DEVIATION	3.37	2.52	3.18	3.61	2.72	3.25	3.37	3.59
LANGUAGE PART B								
MEAN	5.57	5.00	9.16	7.12	6.46	16.39	8.92	10.04
STANDARD DEVIATION	3.36	2.65	6.18	5.05	4.12	10.19	6.67	8.06

Table F17-(3)-IIIEF (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR TEEM MODEL IN PIKE CO., KY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	27	40	4	71	38	30	2	70
WORD KNOWLEDGE								
MEAN	28.37	25.25	32.75	26.86	27.26	24.73	18.50	25.93
STANDARD DEVIATION	10.42	12.66	16.21	12.04	9.88	11.83	6.95	10.71
SPELLING								
MEAN	20.[illegible]	1[illegible].75	21.75	20.23	20.74	15.87	12.00	18.40
STANDARD DEVIATION	14.68	12.50	19.62	13.56	10.34	12.11	14.97	11.40
LANGUAGE								
MEAN	20.41	19.32	22.00	19.89	21.03	18.97	12.50	19.90
STANDARD DEVIATION	7.63	8.00	7.39	7.76	8.05	8.83	7.78	8.43
RAVENS								
MEAN	23.30	19.40	19.00	20.86	20.50	19.03	13.50	19.67
STANDARD DEVIATION	7.44	6.83	7.62	7.26	6.72	7.41	3.54	7.01
READING								
MEAN	18.52	17.32	19.75	17.92	18.58	17.63	14.00	18.04
STANDARD DEVIATION	3.79	3.91	4.27	3.89	4.80	4.21	4.24	4.56
MATH CONCEPTS								
MEAN	19.93	17.85	22.50	18.90	20.16	18.27	13.50	19.16
STANDARD DEVIATION	7.76	6.80	8.27	7.27	6.93	8.15	2.12	7.46
MATH COMPUTATIONS								
MEAN	20.56	17.50	22.50	18.94	18.53	17.70	13.50	18.03
STANDARD DEVIATION	7.45	7.25	9.26	7.51	6.86	7.80	.71	7.18
MATH PROBLEM SOLVING								
MEAN	16.89	15.10	16.00	15.83	16.08	15.50	13.00	15.74
STANDARD DEVIATION	7.25	6.83	7.79	6.99	5.72	6.92	2.83	6.17
COOPERSMITH								
MEAN	35.22	35.65	38.00	35.62	36.79	37.33	37.00	37.03
STANDARD DEVIATION	7.31	7.15	6.68	7.11	7.23	7.47	0.00	7.18
IARS(-)								
MEAN	10.00	9.95	6.75	9.79	11.42	10.40	10.50	10.96
STANDARD DEVIATION	2.69	2.90	4.65	2.98	2.55	2.80	3.54	2.69
IARS(+)								
MEAN	13.11	12.32	12.00	12.61	12.97	12.53	14.50	12.83
STANDARD DEVIATION	2.08	1.98	2.45	2.05	2.36	1.93	2.12	2.17
TOTAL READING								
MEAN	48.30	43.10	55.25	45.76	47.42	43.00	32.00	45.09
STANDARD DEVIATION	16.98	18.05	24.24	18.04	16.17	18.81	7.07	17.31
TOTAL MATH								
MEAN	60.19	52.00	57.50	55.63	55.11	52.23	40.00	53.44
STANDARD DEVIATION	20.21	19.38	24.12	20.09	17.54	20.71	7.07	18.80
LANGUAGE PART A								
MEAN	9.22	8.32	10.25	8.77	9.26	8.40	6.50	8.81
STANDARD DEVIATION	3.37	3.35	1.71	3.30	2.93	3.54	4.95	3.25
LANGUAGE PART B								
MEAN	11.19	11.00	11.75	11.11	11.76	10.57	6.00	11.09
STANDARD DEVIATION	6.12	5.54	5.74	5.70	5.97	6.33	2.83	6.10

Table F11-(5)-IIK

SUMMARY OF EFFECTS
FOR BANK STREET MODEL IN COHORT II-K,
BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS PBLA[a] Head Start	 Some Preschool	 No Preschool	 PBPA[b] Head Start	 Some Preschool	 No Preschool
BASIC SKILLS	Word Knowledge			-			-
	Spelling	-	-	-	-	-	-
	Language						
	Math Computations						
COGNITIVE CONCEPTUAL SKILLS	Raven's						
	Reading						
	Math Concepts						
	Math Problem Solving						
AFFECTIVE MEASURES	Coopersmith						
	IARS(-)					-	
	IARS(+)						
	Total Reading						-
	Total Math						
	Language Part A						
	Language Part B						

PRESCHOOL CATEGORY

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Sample size of less than 30 children in FT and/or NFT

Table F12-(5)-IIK

SUMMARY OF EFFECTS IN COHORT II-K SITES IN THE BANK STREET MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE: New York, NY					Philadelphia, PA					Brattleboro, VT					Fall River, MA					Rochester, NY					Wilmington, DE				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge										-						-		-	-	-				-	-					
Spelling			-	-	-				-	-	-	-	-	-	-	-		-	-	-				-	-				-	-
Language																			+	+									-	
Math Computations	+	+	+	+	+						-	-	-	-	-									+	+		-	-	-	
Raven's	+	-	-	-	+					-					+														+	
Reading					+																									
Math Concepts	+	+	+	+	+				-	-									-	-										-
Math Problem Solving									-	-																				
Coopersmith					+															+					+					+
IARS (-)														-	-					-										
IARS (+)															-															
Total Reading										-								-	-	-										
Total Math	+		+	+	+				-	-				-	-														-	-
Language Part A					+					+						+			+	+				-						+
Language Part B															-				+					+					-	

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(5)-IIK

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT II-K CHILDREN IN THE BAND STREET MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPULATION	SITES													
		All[a]		New York, NY		Philadelphia, PA		Brattleboro, VT		Fall River, MA		Rochester, NY		Wilmington, DE	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT
TOTAL READING															
Third Grade Median	61.0	53.0	56.2	60.0	61.4	51.8	54.4	58.8	64.1	50.5	58.8	48.9	48.8	48.1	49.8
Median Percentile	50	24	34	46	50	22	28	42	60	16	42	14	14	12	16
Grade Equivalent	3.5	2.7	3.0	3.4	3.5	2.6	2.8	3.3	3.8	2.4	3.3	2.4	2.4	2.3	2.4
% 1 Year or More Below Grade Level	20	47	36	10	23	49	47	28	12	53	22	69	57	74	57
TOTAL MATHEMATICS															
Third Grade Median	70.5	60.8	62.6	72.8	68.8	58.1	61.5	64.2	67.9	60.5	64.2	58.2	57.5	50.9	55.6
Median Percentile	50	20	26	60	44	14	23	28	40	18	28	14	14	6	11
Grade Equivalent	3.8	3.0	3.2	4.0	3.6	2.8	3.1	3.2	3.6	3.0	3.2	2.8	2.8	2.3	2.6
% 1 Year or More Below Grade Level	12	41	35	10	20	51	40	22	8	38	28	50	53	75	63
SPELLING															
Third Grade Median	64.0	54.4	61.8	61.4	66.8	56.6	62.5	57.5	68.8	56.0	69.8	46.0	53.5	48.9	49.5
Median Percentile	50	22	44	40	60	30	44	32	66	26	68	9	22	13	14
Grade Equivalent	3.6	2.6	3.4	3.3	4.1	2.9	3.4	3.0	4.3	2.8	4.4	2.1	2.6	2.3	2.4
% 1 Year or More Below Grade Level	22	49	31	29	19	40	32	44	12	44	19	69	50	69	56
LANGUAGE															
Third Grade Median	70.0	59.5	58.8	60.6	59.3	58.3	55.8	62.0	65.0	64.5	59.2	56.0	57.3	55.4	55.9
Median Percentile	50	26	23	28	23	22	18	30	38	34	23	18	20	14	18
Grade Equivalent	4.0	3.0	2.9	3.1	2.9	2.8	2.6	3.2	3.4	3.3	2.9	2.6	2.7	2.5	2.6
% 1 Year or More Below Grade Level	14	54	62	49	56	60	66	44	40	38	59	62	77	74	75

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(5)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BANK STREET MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	153	77	58	288	85	149	143	377
FALL KINDERGARTEN WRAT								
MEAN	29.25	29.16	24.19	28.20	31.86	33.53	25.35	30.05
STANDARD DEVIATION	13.13	13.17	12.02	13.04	15.34	14.63	13.11	14.68
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.51	13.82	13.59	13.62	13.96	13.97	13.75	13.86
STANDARD DEVIATION	1.77	1.79	1.77	1.77	2.14	2.00	1.99	2.02
NUMBER	109	74	56	239	56	88	138	282
FAMILY INCOME IN DOLLARS								
MEAN	4240.88	5256.85	6047.98	4955.06	4894.67	5867.69	6312.32	5885.57
STANDARD DEVIATION	2231.61	2729.42	2603.13	2572.66	2778.91	2650.45	2787.93	2786.63
MEDIAN	3916.67	4850.30	5916.83	4678.21	4937.62	5400.20	6393.07	5825.35
NUMBER	110	72	52	234	57	87	136	280
FAMILY INCOME GE 9999								
PERCENT	2.73	9.72	9.62	6.41	7.02	12.64	17.65	13.93
CHILDS ETHNICITY								
PERCENT WHITE	13.73	14.29	36.21	18.40	5.88	5.37	32.17	15.65
PERCENT BLACK	85.62	83.12	58.62	79.51	82.35	78.52	62.24	73.21
CHILDS SEX								
PERCENT FEMALE	49.02	50.65	48.28	49.31	47.06	53.69	45.45	49.07
ENTRY AGE IN MONTHS								
MEAN	66.75	66.67	66.02	66.58	66.58	66.81	66.76	66.74
STANDARD DEVIATION	3.37	3.84	4.10	3.65	3.78	3.90	3.37	3.67
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	97.40	82.76	95.83	89.41	83.78	91.61	88.03
MOTHERS EDUCATION IN YEARS								
MEAN	11.14	11.73	10.25	11.11	11.27	11.84	11.00	11.32
STANDARD DEVIATION	2.05	2.49	3.32	2.59	1.93	2.45	2.72	2.51
NUMBER	105	73	56	234	60	85	134	279
PERCENT HS GRAD	32.38	47.95	35.71	38.03	33.33	52.94	38.06	41.58
FEMALE HEADED HOUSEHOLD								
PERCENT	47.37	52.70	32.76	45.53	56.45	39.56	31.65	39.38
NUMBER	114	74	58	246	62	91	139	292
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	53.13	100.00	0.00	0.00	22.55
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	26.74	0.00	100.00	0.00	39.52
PERCENT NO PRESCHOOL	0.00	0.00	100.00	20.14	0.00	0.00	100.00	37.93

Table F15-(5)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BANK STREET MODEL IN NEW YORK, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	30	18	20	68	47	89	17	153
FALL KINDERGARTEN WRAT								
MEAN	34.60	33.56	29.75	32.90	35.32	36.28	25.41	34.78
STANDARD DEVIATION	11.59	14.98	12.83	12.89	17.30	15.15	6.97	15.48
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	14.04	14.53	13.79	14.10	14.78	14.03	14.06	14.31
STANDARD DEVIATION	1.87	1.66	1.93	1.83	2.17	1.98	2.33	2.13
NUMBER	27	17	19	63	32	38	17	87
FAMILY INCOME IN DOLLARS								
MEAN	4799.96	5031.19	5812.37	5149.05	5328.03	5934.13	4941.12	5517.16
STANDARD DEVIATION	2249.90	2825.18	2903.11	2597.88	2737.30	2557.77	2269.79	2574.84
MEDIAN	4500.00	4729.50	5416.83	4875.25	5749.50	5249.50	4375.00	5312.87
NUMBER	25	16	16	57	32	38	17	87
FAMILY INCOME GE 9999								
PERCENT	4.00	6.25	12.50	7.02	9.38	7.89	5.88	8.05
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	94.44	95.00	97.06	85.11	73.03	82.35	77.78
CHILDS SEX								
PERCENT FEMALE	46.67	44.44	50.00	47.06	46.81	51.69	35.29	48.37
ENTRY AGE IN MONTHS								
MEAN	66.82	66.45	66.27	66.56	66.30	66.58	68.24	66.68
STANDARD DEVIATION	3.38	3.59	3.35	3.38	3.57	3.70	2.95	3.61
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	94.44	100.00	98.53	87.23	75.00	88.24	80.26
MOTHERS EDUCATION IN YEARS								
MEAN	11.21	12.09	11.86	11.66	11.55	12.38	11.60	11.92
STANDARD DEVIATION	2.14	2.02	2.02	2.07	2.22	2.82	1.88	2.46
NUMBER	25	17	20	62	33	38	16	87
PERCENT HS GRAD	40.00	47.06	65.00	50.00	48.48	68.42	43.75	56.32
FEMALE HEADED HOUSEHOLD								
PERCENT	29.63	29.41	55.00	37.50	48.48	35.00	47.06	42.22
NUMBER	27	17	20	64	33	40	17	90
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	44.12	100.00	0.00	0.00	30.72
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	26.47	0.00	100.00	0.00	58.17
PERCENT NO PRESCHOOL	0.00	0.00	100.00	29.41	0.00	0.00	100.00	11.11

Table F15-(5)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BANK STREET MODEL IN PHILADELPHIA, PA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	13	21	13	47	9	20	33	62
FALL KINDERGARTEN WRAT								
MEAN	33.38	28.67	19.69	27.49	32.22	31.20	25.48	28.31
STANDARD DEVIATION	11.32	9.45	6.21	10.48	14.28	15.77	14.74	15.08
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	14.57	13.21	12.92	13.36	0.00	14.87	13.62	14.07
STANDARD DEVIATION	1.99	1.81	1.44	1.78	0.00	2.58	1.45	1.99
NUMBER	7	19	13	39	0	16	29	45
FAMILY INCOME IN DOLLARS								
MEAN	5071.29	4789.42	5409.09	5026.97	0.00	5133.27	4944.41	5011.86
STANDARD DEVIATION	3528.56	2311.17	2396.02	2532.86	0.00	2158.43	2399.17	2291.15
MEDIAN	4000.00	4500.00	5500.00	4625.00	0.00	4875.00	4800.40	4821.79
NUMBER	7	19	11	37	0	15	27	42
FAMILY INCOME GE 9999								
PERCENT	14.29	5.26	0.00	5.41	0.00	6.67	3.70	4.76
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	100.00	100.00	77.78	100.00	87.88	90.32
CHILDS SEX								
PERCENT FEMALE	53.85	61.90	46.15	55.32	33.33	40.00	45.45	41.94
ENTRY AGE IN MONTHS								
MEAN	65.96	65.56	64.09	65.27	67.11	66.33	66.75	66.66
STANDARD DEVIATION	3.34	4.11	5.47	4.32	2.27	3.20	2.93	2.90
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	77.78	100.00	93.94	93.55
MOTHERS EDUCATION IN YEARS								
MEAN	11.26	12.54	11.42	11.95	0.00	12.48	11.24	11.68
STANDARD DEVIATION	2.65	1.64	1.53	1.88	0.00	1.39	2.01	1.89
NUMBER	7	18	11	36	0	16	29	45
PERCENT HS GRAD	42.86	61.11	36.36	50.00	0.00	62.50	37.93	46.67
FEMALE HEADED HOUSEHOLD								
PERCENT	42.86	73.68	23.08	51.28	0.00	52.94	44.83	47.83
NUMBER	7	19	13	39	0	17	29	46
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	27.66	100.00	0.00	0.00	14.52
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	44.68	0.00	100.00	0.00	32.26
PERCENT NO PRESCHOOL	0.00	0.00	100.00	27.66	0.00	0.00	100.00	53.23

Table F15-(5)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BANK STREET MODEL IN BRATTLEBORO, VT

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	8	7	3	18	0	2	23	25
FALL KINDERGARTEN WRAT								
MEAN	36.37	44.71	28.33	38.28	0.00	40.00	29.96	30.76
STANDARD DEVIATION	13.47	16.72	17.93	15.73	0.00	15.56	12.14	12.37
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.50	15.43	14.67	14.56	0.00	15.00	14.57	14.60
STANDARD DEVIATION	2.74	2.23	3.79	2.68	0.00	2.83	1.80	1.83
NUMBER	6	7	3	16	0	2	23	25
FAMILY INCOME IN DOLLARS								
MEAN	4583.33	8713.86	9666.33	7343.50	0.00	9499.50	8956.00	8999.48
STANDARD DEVIATION	2107.53	1728.24	288.10	2772.94	0.00	706.40	1587.33	1533.98
MEDIAN	4002.00	9200.00	9624.75	8249.50	0.00	9499.50	9770.29	9768.69
NUMBER	6	7	3	16	0	2	23	25
FAMILY INCOME GE 9999								
PERCENT	0.00	42.86	33.33	25.00	0.00	50.00	52.17	52.00
CHILDS ETHNICITY								
PERCENT WHITE	100.00	100.00	100.00	100.00	0.00	100.00	100.00	100.00
PERCENT BLACK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHILDS SEX								
PERCENT FEMALE	50.00	42.86	66.67	50.00	0.00	50.00	52.17	52.00
ENTRY AGE IN MONTHS								
MEAN	67.43	68.52	66.05	67.62	0.00	66.46	66.39	66.40
STANDARD DEVIATION	4.18	2.28	4.70	3.52	0.00	6.44	3.86	3.92
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	0.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	12.99	13.85	11.97	13.19	0.00	13.00	12.33	12.38
STANDARD DEVIATION	1.43	1.96	4.61	2.41	0.00	0.00	1.66	1.60
NUMBER	5	7	3	15	0	2	23	25
PERCENT HS GRAD	80.00	85.71	33.33	73.33	0.00	100.00	65.22	68.00
FEMALE HEADED HOUSEHOLD								
PERCENT	33.33	0.00	0.00	12.50	0.00	0.00	4.35	4.00
NUMBER	6	7	3	16	0	2	23	25
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	44.44	0.00	0.00	0.00	0.00
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	38.89	0.00	100.00	0.00	8.00
PERCENT NO PRESCHOOL	0.00	0.00	100.00	16.67	0.00	0.00	100.00	92.00

Table F15-(5)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BANK STREET MODEL IN FALL RIVER, MA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	13	3	18	34	5	6	21	32
FALL KINDERGARTEN WRAT								
MEAN	27.09	25.00	22.17	24.53	33.00	24.83	25.95	26.84
STANDARD DEVIATION	18.46	10.82	11.96	14.55	8.43	12.92	13.57	12.76
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	14.08	13.00	13.94	13.91	12.80	13.50	13.90	13.66
STANDARD DEVIATION	1.98	0.00	1.39	1.59	.84	.55	2.34	1.96
NUMBER	13	3	17	33	5	6	21	32
FAMILY INCOME IN DOLLARS								
MEAN	5038.46	6333.33	6111.00	5720.53	5200.00	8416.17	7761.76	7484.19
STANDARD DEVIATION	1520.16	1755.94	2494.25	2129.01	2252.78	2517.89	1757.78	2175.46
MEDIAN	5375.00	6500.00	6250.00	5750.00	4625.00	9249.50	8312.87	8333.67
NUMBER	13	3	18	34	5	6	21	32
FAMILY INCOME GE 9999								
PERCENT	0.00	0.00	11.11	5.88	0.00	50.00	14.29	18.75
CHILDS ETHNICITY								
PERCENT WHITE	92.31	100.00	100.00	97.06	100.00	100.00	100.00	100.00
PERCENT BLACK	7.69	0.00	0.00	2.94	0.00	0.00	0.00	0.00
CHILDS SEX								
PERCENT FEMALE	61.54	33.33	50.00	52.94	80.00	83.33	61.90	68.75
ENTRY AGE IN MONTHS								
MEAN	68.42	64.63	67.06	67.36	67.04	69.99	66.57	67.28
STANDARD DEVIATION	3.08	4.31	3.36	3.61	4.05	8.30	3.01	4.57
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	66.67	55.56	73.53	80.00	66.67	61.90	65.63
MOTHERS EDUCATION IN YEARS								
MEAN	10.58	6.13	7.79	8.71	10.95	10.79	7.74	8.85
STANDARD DEVIATION	2.59	4.51	3.63	3.59	.00	1.62	4.20	3.73
NUMBER	13	3	18	34	5	6	20	31
PERCENT HS GRAD	23.08	0.00	5.56	11.76	0.00	16.67	10.00	9.68
FEMALE HEADED HOUSEHOLD								
PERCENT	38.46	33.33	16.67	26.47	60.00	0.00	9.52	15.63
NUMBER	13	3	18	34	5	6	21	32
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	38.24	100.00	0.00	0.00	15.63
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	8.82	0.00	100.00	0.00	18.75
PERCENT NO PRESCHOOL	0.00	0.00	100.00	52.94	0.00	0.00	100.00	65.63

Table F15-(5)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BANK STREET MODEL IN ROCHESTER, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	2	20	4	26	7	10	13	30
FALL KINDERGARTEN WRAT								
MEAN	17.00	22.60	17.00	21.31	21.71	24.40	15.92	20.10
STANDARD DEVIATION	21.21	10.04	10.86	10.70	7.80	10.42	5.41	8.56
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.50	13.55	12.50	13.38	11.33	14.00	13.92	13.64
STANDARD DEVIATION	.71	1.50	1.00	1.42	1.15	1.70	2.31	2.10
NUMBER	2	20	4	26	3	10	12	25
FAMILY INCOME IN DOLLARS								
MEAN	3500.00	5394.63	5750.00	5299.92	3833.33	5799.90	5249.92	5142.79
STANDARD DEVIATION	707.11	2855.51	1892.97	2625.84	2273.03	2213.38	2824.25	2526.96
MEDIAN	3500.00	4875.00	6500.00	4875.00	2750.00	5750.00	4249.50	5083.17
NUMBER	2	19	4	25	6	10	12	28
FAMILY INCOME GE 9999								
PERCENT	0.00	10.53	0.00	8.00	0.00	10.00	8.33	7.14
CHILDS ETHNICITY								
PERCENT WHITE	0.00	5.00	0.00	3.85	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	90.00	50.00	84.62	100.00	100.00	100.00	100.00
CHILDS SEX								
PERCENT FEMALE	100.00	50.00	25.00	50.00	42.86	50.00	23.08	36.67
ENTRY AGE IN MONTHS								
MEAN	69.50	68.00	66.40	67.88	69.03	67.40	67.17	67.68
STANDARD DEVIATION	5.19	4.11	5.29	4.22	6.91	2.68	4.85	4.74
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	50.00	92.31	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.97	11.07	8.71	10.78	11.13	10.11	10.96	10.71
STANDARD DEVIATION	1.45	2.33	3.86	2.62	1.85	2.64	1.60	2.04
NUMBER	2	20	4	26	6	10	13	29
PERCENT HS GRAD	50.00	40.00	25.00	38.46	33.33	30.00	23.08	27.59
FEMALE HEADED HOUSEHOLD								
PERCENT	50.00	65.00	50.00	61.54	71.43	70.00	53.85	63.33
NUMBER	2	20	4	26	7	10	13	30
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	7.69	100.00	0.00	0.00	23.33
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	76.92	0.00	100.00	0.00	33.33
PERCENT NO PRESCHOOL	0.00	0.00	100.00	15.38	0.00	0.00	100.00	43.33

Table F15-(5)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BANK STREET MODEL IN WILMINGTON, DE

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	87	8	0	95	17	22	36	75
FALL KINDERGARTEN WRAT								
MEAN	26.64	24.87	0.00	26.49	25.04	30.45	25.31	26.96
STANDARD DEVIATION	12.08	9.69	0.00	11.86	10.66	10.52	14.87	12.87
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.94	13.37	0.00	13.00	13.19	12.94	13.06	13.06
STANDARD DEVIATION	1.38	1.60	0.00	1.41	1.68	1.53	1.87	1.73
NUMBER	54	8	0	62	16	16	36	68
FAMILY INCOME IN DOLLARS								
MEAN	3701.74	3062.50	0.00	3623.06	4249.03	5031.12	5805.39	5287.74
STANDARD DEVIATION	2141.92	1295.97	0.00	2057.77	3220.99	3007.93	2937.87	3034.28
MEDIAN	2875.00	3220.00	0.00	3000.00	2250.00	4250.00	5850.30	5124.75
NUMBER	57	8	0	65	14	16	36	66
FAMILY INCOME GE 9999								
PERCENT	1.75	0.00	0.00	1.54	7.14	12.50	16.67	13.64
CHILDS ETHNICITY								
PERCENT WHITE	1.15	0.00	0.00	1.05	0.00	0.00	5.56	2.67
PERCENT BLACK	97.70	100.00	0.00	97.89	94.12	100.00	91.67	94.67
CHILDS SEX								
PERCENT FEMALE	45.98	50.00	0.00	46.32	47.06	68.18	44.44	52.00
ENTRY AGE IN MONTHS								
MEAN	66.40	65.92	0.00	66.41	65.93	67.11	66.29	66.45
STANDARD DEVIATION	3.20	3.25	0.00	3.19	3.18	3.93	3.19	3.40
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	0.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.03	11.00	0.00	11.04	10.86	11.12	11.58	11.30
STANDARD DEVIATION	1.82	1.57	0.00	1.78	1.60	1.88	1.96	1.85
NUMBER	53	8	0	61	16	13	33	62
PERCENT HS GRAD	24.53	25.00	0.00	24.59	12.50	23.08	39.39	29.03
FEMALE HEADED HOUSEHOLD								
PERCENT	59.32	75.00	0.00	61.19	64.71	37.50	36.11	43.48
NUMBER	59	8	0	67	17	16	36	69
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	91.58	100.00	0.00	0.00	22.67
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	8.42	0.00	100.00	0.00	29.33
PERCENT NO PRESCHOOL	0.00	0.00	0.00	0.00	0.00	0.00	100.00	48.00

Table F16-(5)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BANK STREET MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	153	77	58	288	85	149	143	377
WORD KNOWLEDGE								
MEAN	20.43	21.99	22.64	21.29	24.15	25.42	24.20	24.67
STANDARD DEVIATION	10.10	10.54	11.31	10.48	12.59	11.41	12.02	11.90
SPELLING								
MEAN	12.36	14.45	15.86	13.62	20.85	21.57	20.15	20.87
STANDARD DEVIATION	11.34	11.72	11.97	11.60	14.86	13.27	13.54	13.65
LANGUAGE								
MEAN	16.75	18.13	18.26	17.42	18.44	17.91	17.20	17.89
STANDARD DEVIATION	8.00	8.02	8.20	8.31	8.86	8.84	9.17	8.96
RAVENS								
MEAN	17.21	18.08	19.12	17.83	20.74	21.13	18.78	20.15
STANDARD DEVIATION	8.34	8.54	9.13	8.66	8.87	9.03	7.56	8.44
READING								
MEAN	17.32	18.38	17.64	17.66	18.35	18.40	18.07	18.27
STANDARD DEVIATION	4.92	4.63	4.84	4.83	4.13	4.86	4.67	4.62
MATH CONCEPTS								
MEAN	16.58	16.62	18.33	16.94	20.09	19.56	17.77	19.00
STANDARD DEVIATION	7.44	7.83	8.91	7.86	9.00	8.76	7.67	8.45
MATH COMPUTATIONS								
MEAN	13.93	16.57	16.73	15.20	17.01	18.38	16.68	17.55
STANDARD DEVIATION	7.77	7.66	8.34	7.95	9.98	8.60	7.26	8.38
MATH PROBLEM SOLVING								
MEAN	11.92	13.22	13.10	12.50	14.55	14.77	12.87	14.00
STANDARD DEVIATION	6.10	7.31	7.08	6.65	7.83	8.01	6.48	7.45
COOPERSMITH								
MEAN	34.81	35.10	35.53	35.03	34.78	36.48	36.86	36.23
STANDARD DEVIATION	7.17	6.41	6.88	6.89	7.08	7.57	7.22	7.56
TAPS(-)								
MEAN	9.65	9.13	10.50	9.68	10.12	10.27	10.08	10.16
STANDARD DEVIATION	2.90	2.73	2.93	2.89	3.19	3.01	3.02	3.05
TAPS(+)								
MEAN	14.93	15.27	16.10	15.26	15.44	15.61	15.57	15.55
STANDARD DEVIATION	3.34	2.63	2.41	3.02	3.78	2.81	3.08	3.14
TOTAL READING								
MEAN	37.01	38.61	40.97	38.24	44.35	44.90	41.97	43.67
STANDARD DEVIATION	16.99	17.76	19.36	17.65	20.84	19.49	18.81	19.54
TOTAL MATH								
MEAN	43.06	47.87	48.96	45.53	53.50	54.28	48.13	51.71
STANDARD DEVIATION	20.99	21.70	21.80	21.16	26.18	23.74	19.10	22.32
LANGUAGE PART A								
MEAN	7.38	7.74	8.60	7.85	8.22	8.07	7.48	7.88
STANDARD DEVIATION	3.47	3.16	3.53	3.42	2.94	3.05	3.41	3.18
LANGUAGE PART B								
MEAN	9.17	10.30	9.57	9.58	10.41	9.84	9.71	9.92
STANDARD DEVIATION	5.72	6.86	6.20	6.14	4.81	6.91	4.86	6.86

Table F17-(5)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BANK STREET MODEL IN NEW YORK, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	30	18	20	68	47	89	17	153
WORD KNOWLEDGE								
MEAN	27.07	30.11	30.75	29.22	28.45	27.91	29.12	28.21
STANDARD DEVIATION	9.34	10.33	9.33	9.59	12.30	10.77	12.32	11.36
SPELLING								
MEAN	18.33	19.33	21.30	19.47	25.49	24.08	25.06	24.62
STANDARD DEVIATION	11.99	13.57	10.80	11.96	13.11	12.91	12.16	12.82
LANGUAGE								
MEAN	18.23	18.94	19.05	18.66	20.36	18.29	17.24	18.81
STANDARD DEVIATION	6.99	9.55	7.95	7.89	9.33	9.13	7.56	9.04
RAVENS								
MEAN	28.13	27.33	26.25	27.37	24.38	24.47	23.47	24.33
STANDARD DEVIATION	6.49	8.05	8.45	7.45	8.13	9.00	9.29	8.72
READING								
MEAN	15.50	17.50	16.10	16.21	18.04	18.96	18.00	18.84
STANDARD DEVIATION	3.09	5.08	4.77	4.50	3.08	4.85	4.86	4.58
MATH CONCEPTS								
MEAN	21.53	22.89	24.65	22.81	23.21	21.49	20.47	21.91
STANDARD DEVIATION	7.80	8.43	7.99	8.04	9.60	8.68	8.68	8.96
MATH COMPUTATIONS								
MEAN	21.40	22.93	22.40	22.07	21.28	20.27	18.71	20.41
STANDARD DEVIATION	8.41	8.11	8.98	8.40	9.71	8.76	8.32	8.99
MATH PROBLEM SOLVING								
MEAN	16.13	19.22	16.15	16.96	16.62	16.39	17.06	16.54
STANDARD DEVIATION	8.14	8.12	8.19	8.15	8.53	8.26	8.04	8.27
COOPERSMITH								
MEAN	34.93	36.33	34.60	35.21	35.51	36.34	38.53	36.33
STANDARD DEVIATION	7.06	6.65	6.82	6.82	6.56	7.67	5.01	7.11
TAPS(-)								
MEAN	11.10	9.89	12.25	11.12	10.70	10.52	11.29	10.66
STANDARD DEVIATION	2.35	2.42	2.17	2.45	2.80	3.14	2.95	3.01
TAPS(+)								
MEAN	16.03	15.89	16.75	16.21	16.13	15.74	16.71	15.97
STANDARD DEVIATION	2.44	2.19	1.77	2.20	3.53	2.66	2.37	2.93
TOTAL READING								
MEAN	49.20	53.00	55.40	52.03	51.66	49.40	49.59	50.12
STANDARD DEVIATION	16.05	17.98	16.02	16.79	21.29	18.63	20.02	19.52
TOTAL MATH								
MEAN	65.07	69.19	64.80	66.40	62.28	61.13	59.24	61.27
STANDARD DEVIATION	21.85	22.93	22.15	21.94	24.65	24.20	23.88	24.16
LANGUAGE PART A								
MEAN	8.80	8.44	9.70	8.97	8.83	8.20	8.24	8.40
STANDARD DEVIATION	3.87	3.01	3.21	3.01	2.83	3.09	2.80	2.97
LANGUAGE PART B								
MEAN	9.43	10.50	9.35	9.69	11.53	10.09	9.00	10.41
STANDARD DEVIATION	5.30	7.37	6.22	6.10	7.30	7.30	5.94	7.17

Table F17-(5)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BANK STREET MODEL IN PHILADELPHIA, PA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	13	21	13	47	9	20	33	62
WORD KNOWLEDGE								
MEAN	17.31	20.43	20.92	19.70	21.67	22.25	21.36	21.69
STANDARD DEVIATION	9.26	8.36	9.56	8.88	12.80	13.76	11.41	12.20
SPELLING								
MEAN	14.77	15.14	17.00	15.55	20.67	21.75	19.15	20.21
STANDARD DEVIATION	12.05	9.22	11.78	10.76	14.55	13.21	14.02	13.66
LANGUAGE								
MEAN	16.38	18.43	15.46	17.04	18.33	19.15	16.58	17.63
STANDARD DEVIATION	7.58	8.52	6.24	7.64	13.33	11.11	9.33	10.43
RAVENS								
MEAN	15.54	14.33	15.85	15.09	16.44	17.50	17.82	17.52
STANDARD DEVIATION	7.28	4.28	5.03	5.37	10.13	7.77	8.13	8.19
READING								
MEAN	17.31	17.38	14.92	16.68	18.56	17.90	17.88	17.98
STANDARD DEVIATION	4.79	3.85	4.33	4.30	4.67	4.83	4.67	4.58
MATH CONCEPTS								
MEAN	16.00	14.81	16.62	15.64	20.89	18.15	16.64	17.74
STANDARD DEVIATION	6.30	4.97	5.76	5.52	6.68	9.86	6.25	7.67
MATH COMPUTATIONS								
MEAN	13.46	14.24	13.00	13.68	16.22	17.60	16.45	16.79
STANDARD DEVIATION	4.59	5.96	4.93	5.25	9.87	9.94	7.43	8.54
MATH PROBLEM SOLVING								
MEAN	11.77	10.57	10.46	10.87	13.56	13.75	13.42	13.55
STANDARD DEVIATION	4.25	4.87	5.46	4.80	8.68	9.60	6.57	7.82
COOPERSMITH								
MEAN	33.05	32.19	35.31	33.51	32.78	37.30	35.91	35.90
STANDARD DEVIATION	5.01	7.19	7.86	6.84	6.80	8.08	6.91	7.31
IARS(-)								
MEAN	9.92	9.71	10.31	9.94	10.22	9.80	9.91	9.92
STANDARD DEVIATION	2.72	2.76	1.44	2.42	4.68	2.76	3.36	3.35
IARS(+)								
MEAN	14.69	15.29	15.15	15.09	14.89	15.25	14.94	15.03
STANDARD DEVIATION	2.90	3.24	3.53	3.17	5.78	2.86	3.43	3.62
TOTAL READING								
MEAN	33.31	35.24	37.54	35.34	42.56	40.40	38.00	39.44
STANDARD DEVIATION	14.79	12.24	14.74	13.51	18.32	23.23	16.95	19.12
TOTAL MATH								
MEAN	40.77	39.14	39.31	39.64	46.22	48.85	47.70	47.85
STANDARD DEVIATION	14.90	12.92	12.57	12.95	27.58	25.58	20.08	22.71
LANGUAGE PART A								
MEAN	6.08	8.00	8.15	7.51	7.33	8.10	7.24	7.53
STANDARD DEVIATION	4.01	2.83	3.36	3.38	4.66	3.70	3.30	3.60
LANGUAGE PART B								
MEAN	10.31	10.43	7.31	9.53	11.00	10.95	9.33	10.10
STANDARD DEVIATION	5.53	7.20	4.39	6.12	9.45	8.35	7.43	7.94

Table F17-(5)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BANK STREET MODEL IN BRATTLEBORO, VT

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	8	7	3	18	0	2	23	25
WORD KNOWLEDGE								
MEAN	28.13	30.86	24.67	28.61	0.00	35.50	31.96	32.24
STANDARD DEVIATION	13.19	13.22	21.08	13.78	0.00	.71	12.21	11.73
SPELLING								
MEAN	13.37	19.00	13.00	15.56	0.00	33.50	25.30	25.96
STANDARD DEVIATION	6.48	14.45	16.64	11.47	0.00	.71	10.41	10.22
LANGUAGE								
MEAN	18.13	25.29	22.33	21.61	0.00	22.50	20.70	20.84
STANDARD DEVIATION	9.39	10.50	18.15	11.18	0.00	12.02	8.24	8.27
RAVENS								
MEAN	14.75	20.71	14.00	16.94	0.00	27.50	21.17	21.68
STANDARD DEVIATION	2.65	8.60	10.15	7.07	0.00	.71	5.16	5.24
READING								
MEAN	22.25	24.29	22.67	23.11	0.00	24.50	20.52	20.84
STANDARD DEVIATION	1.67	3.45	3.06	2.72	0.00	2.12	3.74	3.77
MATH CONCEPTS								
MEAN	24.62	22.29	19.33	22.83	0.00	25.50	22.96	23.16
STANDARD DEVIATION	6.99	10.34	17.93	9.97	0.00	4.95	8.37	8.11
MATH COMPUTATIONS								
MEAN	19.38	23.00	17.67	20.50	0.00	22.50	19.87	20.08
STANDARD DEVIATION	5.90	8.70	15.04	8.50	0.00	.71	5.78	5.58
MATH PROBLEM SOLVING								
MEAN	15.25	19.14	15.33	16.78	0.00	19.00	14.74	15.08
STANDARD DEVIATION	3.11	7.27	11.85	6.55	0.00	0.00	5.74	5.62
COOPERSMITH								
MEAN	33.62	39.86	38.67	36.89	0.00	39.00	38.30	38.36
STANDARD DEVIATION	8.90	4.78	4.62	6.79	0.00	5.66	6.59	6.42
IARS(-)								
MEAN	9.13	8.57	9.33	8.94	0.00	10.50	10.00	10.04
STANDARD DEVIATION	2.95	3.15	2.08	2.78	0.00	2.12	2.86	2.78
IARS(+)								
MEAN	16.00	16.00	17.67	16.28	0.00	18.00	16.74	16.84
STANDARD DEVIATION	2.88	1.53	.58	2.16	0.00	1.41	1.86	1.84
TOTAL READING								
MEAN	52.75	53.14	44.00	51.44	0.00	61.00	54.91	55.60
STANDARD DEVIATION	19.23	23.26	39.00	23.11	0.00	4.24	19.60	18.86
TOTAL MATH								
MEAN	49.38	62.86	47.00	54.22	0.00	69.00	55.78	56.84
STANDARD DEVIATION	7.63	51.07	36.50	19.71	0.00	0.00	14.82	14.65
LANGUAGE PART A								
MEAN	8.63	10.14	9.00	9.28	0.00	8.00	8.87	8.80
STANDARD DEVIATION	3.40	3.89	4.36	3.61	0.00	4.24	3.61	3.57
LANGUAGE PART B								
MEAN	9.31	15.14	13.33	12.33	0.00	14.50	11.83	12.04
STANDARD DEVIATION	6.20	7.90	13.80	8.23	0.00	7.78	5.48	5.53

Table F17-(5)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BANK STREET MODEL IN FALL RIVER, MA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	13	3	18	34	5	6	21	32
WORD KNOWLEDGE								
MEAN	26.85	18.00	17.22	20.97	25.20	28.00	28.38	27.81
STANDARD DEVIATION	11.33	7.55	7.98	10.25	13.54	11.93	9.39	10.24
SPELLING								
MEAN	19.23	16.67	12.67	15.53	22.40	23.00	25.52	24.56
STANDARD DEVIATION	13.24	16.17	11.05	12.34	13.65	9.86	11.60	11.33
LANGUAGE								
MEAN	27.08	17.67	19.72	22.35	14.80	20.33	20.81	19.78
STANDARD DEVIATION	11.93	7.51	8.47	10.33	1.10	10.17	10.61	9.71
RAVENS								
MEAN	22.46	19.67	15.72	18.65	18.40	19.17	20.67	20.06
STANDARD DEVIATION	7.96	6.11	8.02	8.30	4.39	5.31	7.33	6.52
READING								
MEAN	21.46	14.67	20.22	20.21	22.20	18.83	19.14	19.56
STANDARD DEVIATION	5.03	3.51	4.10	4.69	1.79	3.13	4.39	3.97
MATH CONCEPTS								
MEAN	18.85	12.67	14.39	15.94	19.00	21.50	19.43	19.75
STANDARD DEVIATION	8.46	2.31	6.40	7.29	5.34	9.77	7.96	7.79
MATH COMPUTATIONS								
MEAN	15.54	15.33	13.56	14.47	19.00	16.50	18.76	18.37
STANDARD DEVIATION	8.21	6.66	5.58	6.64	8.86	8.73	6.55	7.14
MATH PROBLEM SOLVING								
MEAN	15.69	13.00	11.39	13.18	16.80	13.83	14.43	14.69
STANDARD DEVIATION	6.80	6.08	5.49	6.23	4.76	9.06	6.75	6.82
COOPERSMITH								
MEAN	35.00	38.33	37.00	36.35	38.40	36.50	36.81	37.00
STANDARD DEVIATION	7.39	2.89	6.47	6.58	6.58	9.59	8.47	8.19
TARS(-)								
MEAN	9.69	10.33	9.50	9.65	10.40	10.33	11.19	10.91
STANDARD DEVIATION	2.53	4.16	3.31	3.01	1.95	2.07	2.75	2.49
TARS(+)								
MEAN	14.62	16.67	16.00	15.53	16.60	16.17	16.00	16.12
STANDARD DEVIATION	3.13	1.53	2.20	2.58	2.41	2.04	2.72	2.52
TOTAL READING								
MEAN	45.69	30.67	31.61	36.91	44.20	49.50	47.81	47.56
STANDARD DEVIATION	10.14	9.50	12.62	16.43	17.73	21.24	16.79	17.25
TOTAL MATH								
MEAN	53.69	48.00	40.67	46.29	54.40	49.50	53.86	53.13
STANDARD DEVIATION	20.53	17.78	16.22	18.63	15.42	21.22	18.47	18.07
LANGUAGE PART A								
MEAN	10.54	9.33	9.00	9.62	8.20	9.67	8.10	8.41
STANDARD DEVIATION	3.11	4.73	3.45	3.39	1.33	2.94	3.16	2.91
LANGUAGE PART B								
MEAN	16.54	8.33	10.72	12.74	6.60	10.67	12.71	11.37
STANDARD DEVIATION	9.35	4.93	6.01	7.85	.89	7.47	8.51	7.80

Table F17-(5)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BANK STREET MODEL IN ROCHESTER, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	2	20	4	26	7	10	13	30
WORD KNOWLEDGE								
MEAN	17.50	17.30	10.50	16.27	15.57	21.00	19.23	18.97
STANDARD DEVIATION	6.36	7.51	5.20	7.35	9.86	10.10	5.69	8.33
SPELLING								
MEAN	10.50	8.50	1.50	7.58	11.14	15.20	13.69	13.60
STANDARD DEVIATION	2.12	9.75	2.39	8.97	14.26	13.94	12.08	12.85
LANGUAGE								
MEAN	22.00	16.05	13.75	16.15	13.29	16.80	13.85	14.70
STANDARD DEVIATION	5.66	8.15	5.74	7.71	4.11	3.79	7.27	5.67
RAVENS								
MEAN	14.00	16.10	13.25	15.50	14.29	13.50	15.08	14.37
STANDARD DEVIATION	7.07	6.65	8.18	6.70	8.28	5.15	6.09	6.18
READING								
MEAN	17.00	19.05	19.00	18.88	16.57	18.20	16.00	16.87
STANDARD DEVIATION	4.24	4.22	2.94	3.95	4.39	4.92	3.81	4.30
MATH CONCEPTS								
MEAN	18.00	14.25	9.25	13.77	13.86	15.40	12.31	13.70
STANDARD DEVIATION	5.66	5.99	6.55	6.13	5.40	5.54	5.12	5.32
MATH COMPUTATIONS								
MEAN	16.00	13.60	14.00	13.85	12.29	15.40	13.92	14.03
STANDARD DEVIATION	7.07	4.37	6.38	4.67	5.28	6.74	5.92	5.98
MATH PROBLEM SOLVING								
MEAN	11.50	10.95	12.50	11.23	10.14	11.90	10.92	11.07
STANDARD DEVIATION	3.54	5.60	5.45	5.31	5.37	4.63	3.57	4.28
COOPERSMITH								
MEAN	36.00	34.75	32.00	34.42	32.00	35.50	34.23	35.00
STANDARD DEVIATION	5.66	5.50	7.39	5.67	16.65	6.52	8.15	10.05
TARS(-)								
MEAN	7.50	8.65	7.75	8.42	7.29	9.30	9.38	8.43
STANDARD DEVIATION	2.12	2.37	4.65	2.69	3.40	2.79	2.26	2.74
TARS(+)								
MEAN	12.00	14.40	15.25	14.35	14.57	14.80	15.54	15.07
STANDARD DEVIATION	4.24	2.95	1.71	2.80	2.70	2.78	3.04	2.82
TOTAL READING								
MEAN	35.50	31.55	19.75	30.04	29.43	36.40	31.54	32.67
STANDARD DEVIATION	9.19	12.82	11.03	12.81	14.36	14.99	9.63	12.60
TOTAL MATH								
MEAN	41.50	40.65	39.75	40.58	36.71	40.80	39.92	39.47
STANDARD DEVIATION	17.68	14.83	17.40	14.71	17.57	13.31	12.72	13.72
LANGUAGE PART A								
MEAN	7.00	6.60	3.75	6.04	7.14	7.90	7.23	7.43
STANDARD DEVIATION	1.41	3.05	1.71	2.92	2.41	2.28	4.13	3.16
LANGUAGE PART B								
MEAN	15.00	9.65	10.00	10.12	6.14	8.90	6.62	7.27
STANDARD DEVIATION	4.24	5.78	5.60	5.65	2.41	4.04	4.03	3.80

Table F17-(5)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BANK STREET MODEL IN WILMINGTON, DE

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	87	9	0	95	17	22	36	75
WORD KNOWLEDGE								
MEAN	16.01	13.25	0.00	16.51	16.82	18.59	18.86	18.32
STANDARD DEVIATION	7.83	4.46	0.00	7.65	9.29	8.80	11.59	10.24
SPELLING								
MEAN	9.20	7.88	0.00	9.08	11.65	12.68	14.64	13.39
STANDARD DEVIATION	9.92	7.47	0.00	9.71	13.97	11.65	14.40	13.43
LANGUAGE								
MEAN	14.51	14.62	0.00	14.52	17.35	14.77	14.61	15.28
STANDARD DEVIATION	6.19	7.98	0.00	6.31	6.19	5.95	9.10	7.67
RAVENS								
MEAN	13.21	9.13	0.00	12.86	16.24	14.36	14.17	15.65
STANDARD DEVIATION	5.03	3.97	0.00	5.80	4.80	4.69	6.52	5.66
READING								
MEAN	16.09	17.25	0.00	16.92	16.24	16.05	16.83	16.47
STANDARD DEVIATION	4.94	4.17	0.00	4.86	3.96	4.81	5.02	4.69
MATH CONCEPTS								
MEAN	13.05	9.75	0.00	13.51	13.04	13.86	15.22	14.53
STANDARD DEVIATION	5.03	3.56	0.00	5.79	5.75	5.98	6.10	5.94
MATH COMPUTATIONS								
MEAN	10.04	10.87	0.00	10.66	11.47	12.91	12.86	12.56
STANDARD DEVIATION	5.70	4.97	0.00	5.69	6.17	4.40	6.72	5.95
MATH PROBLEM SOLVING								
MEAN	9.62	7.25	0.00	9.42	10.53	10.32	9.00	9.73
STANDARD DEVIATION	4.33	[illegible]	0.00	4.25	4.26	3.88	4.54	4.39
COOPERSMITH								
MEAN	34.97	[illegible]	0.00	35.01	33.88	36.50	36.19	35.76
STANDARD DEVIATION	7.55	[illegible]	0.00	7.38	7.78	7.41	7.83	7.67
IARS(-)								
MEAN	9.21	[illegible]	0.00	9.03	9.53	10.09	9.69	9.77
STANDARD DEVIATION	3.04	[illegible]	0.00	3.05	3.10	3.19	2.95	3.02
IARS(+)								
MEAN	14.01	[illegible]	0.00	14.63	13.82	15.41	14.61	14.67
STANDARD DEVIATION	3.00	2.03	0.00	3.55	3.61	3.59	3.56	3.58
TOTAL READING								
MEAN	30.00	23.00	0.00	30.01	30.76	32.45	34.08	32.85
STANDARD DEVIATION	13.99	7.13	0.00	12.77	14.17	14.05	16.65	15.24
TOTAL MATH								
MEAN	33.97	27.25	0.00	32.95	38.24	37.59	38.03	37.95
STANDARD DEVIATION	13.02	9.46	0.00	13.35	11.87	10.55	14.65	12.79
LANGUAGE PART A								
MEAN	6.00	6.13	0.00	6.80	7.47	7.18	6.19	6.77
STANDARD DEVIATION	3.39	1.55	0.00	3.23	2.50	2.54	3.21	2.90
LANGUAGE PART B								
MEAN	7.04	8.50	0.00	7.72	9.88	7.59	8.42	8.51
STANDARD DEVIATION	4.12	7.03	0.00	4.39	5.18	4.19	6.68	5.71

Table F11-(5)-IIEF

SUMMARY OF EFFECTS FOR BANK STREET MODEL IN COHORT II-EF BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS					
	PRESCHOOL CATEGORY	PBLA[a]			PBPA[b]		
		Head Start	Some Preschool	No Preschool	Head Start	Some Preschool	No Preschool
BASIC SKILLS	Word Knowledge	▨	▨	▨	▨ +	▨ +	▨ +
	Spelling	▨	▨	▨	▨ +	▨ +	▨
	Language	▨	▨	▨	▨ +	▨	▨ +
	Math Computations	▨	▨	▨	▨ +	▨	▨
COGNITIVE CONCEPTUAL SKILLS	Raven's	▨	▨	▨	▨	▨	▨
	Reading	▨	▨	▨	▨ +	▨ +	▨
	Math Concepts	▨	▨	▨	▨ +	▨ +	▨
	Math Problem Solving	▨	▨	▨	▨ +	▨ +	▨
AFFECTIVE MEASURES	Coopersmith	▨	▨	▨	▨	▨ +	▨ -
	IARS(-)	▨	▨	▨	▨	▨	▨ +
	IARS(+)	▨	▨	▨ -	▨	▨	▨ -
	Total Reading	▨	▨	▨	▨ +	▨ +	▨ +
	Total Math	▨	▨	▨	▨ +	▨ +	▨
	Language Part A	▨	▨	▨	▨ +	▨ +	▨ +
	Language Part B	▨	▨	▨	▨	▨	▨ +

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:	
+	FT-favoring effect
-	NFT-favoring effect
blank	Null effect
▨	Sample size of less than 30 children in FT and/or NFT

Table F12-(5)-IIEF

SUMMARY OF EFFECTS IN COHORT II-EF SITES IN THE BANK STREET MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE: Macon Co., AL				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]
Word Knowledge	+			+	+
Spelling				▨ +	+
Language				+	+
Math Computations				+	+
Raven's					+
Reading	+	+		▨ +	+
Math Concepts				+	+
Math Problem Solving				+	+
Coopersmith					
IARS (-)					+
IARS (+)				-	-
Total Reading	+			▨ +	+
Total Math				+	+
Language Part A	+			+	+
Language Part B					

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(5)-IIEF

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT II-EF CHILDREN IN THE BANK STREET MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPULATION	SITES			
		All[a]		Macon Co., AL	
		FT	NFT	FT	NFT
TOTAL READING					
Third Grade Median	61.0	52.8	44.5	52.8	44.5
Median Percentile	50	24	7	24	7
Grade Equivalent	3.5	2.7	2.0	2.7	2.0
% 1 Year or More Below Grade Level	20	48	90	48	90
TOTAL MATHEMATICS					
Third Grade Median	70.5	61.0	55.5	61.0	55.5
Median Percentile	50	20	11	20	11
Grade Equivalent	3.75	3.0	2.6	3.0	2.6
% 1 Year or More Below Grade Level	12	40	50	40	50
SPELLING					
Third Grade Median	64.0	54.2	50.5	54.2	50.5
Median Percentile	50	22	14	22	14
Grade Equivalent	3.6	2.6	2.4	2.6	2.4
% 1 Year or More Below Grade Level	22	52	60	52	60
LANGUAGE					
Third Grade Median	70.0	60.7	60.5	60.7	60.5
Median Percentile	50	28	26	28	26
Grade Equivalent	4.0	3.1	3.0	3.1	3.0
% 1 Year or More Below Grade Level	14	48	50	48	50

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(5)-IIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR BANK STREET MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	47	5	10	62	5	1	4	10
FALL KINDERGARTEN WRAT								
MEAN	31.64	29.80	29.50	31.15	37.60	46.00	50.50	43.60
STANDARD DEVIATION	11.14	18.19	13.80	12.01	10.36	0.00	9.57	10.96
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.96	12.00	12.44	12.73	13.60	12.00	12.50	13.00
STANDARD DEVIATION	2.01	1.41	1.81	1.90	1.95	0.00	1.73	1.76
NUMBER	24	4	9	37	5	1	4	10
FAMILY INCOME IN DOLLARS								
MEAN	3804.35	3750.00	2125.00	3414.26	5300.00	1500.00	1833.33	3722.22
STANDARD DEVIATION	2219.31	2161.59	1125.99	2084.46	2863.56	0.00	577.35	2773.89
MEDIAN	3500.00	3000.00	1750.00	3125.00	5000.00	1500.00	1750.00	2500.00
NUMBER	23	4	8	35	5	1	3	9
FAMILY INCOME GE 9999								
PERCENT	4.35	-0.00	-0.00	2.86	-0.00	-0.00	-0.00	-0.00
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
CHILDS SEX								
PERCENT FEMALE	59.57	60.00	50.00	58.06	40.00	0.00	75.00	50.00
ENTRY AGE IN MONTHS								
MEAN	66.66	66.80	65.65	66.51	65.19	70.88	68.99	67.28
STANDARD DEVIATION	3.67	3.14	3.88	3.63	2.23	0.00	2.45	3.16
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.52	9.95	8.34	9.90	10.07	7.95	7.28	8.91
STANDARD DEVIATION	3.36	1.73	3.76	3.40	3.31	0.00	3.18	3.15
NUMBER	20	3	8	31	5	1	3	9
PERCENT HS GRAD	45.00	0.00	12.50	32.26	40.00	0.00	0.00	22.22
FEMALE HEADED HOUSEHOLD								
PERCENT	37.50	0.00	44.44	35.14	40.00	100.00	0.00	30.00
NUMBER	24	4	9	37	5	1	4	10
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	75.81	100.00	0.00	0.00	50.00
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	8.06	0.00	100.00	0.00	10.00
PERCENT NO PRESCHOOL	0.00	0.00	100.00	16.13	0.00	0.00	100.00	40.00

Table F15-(5)-IIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR BANK STREET MODEL IN MACON CO., AL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	47	5	10	62	5	1	4	10
FALL KINDERGARTEN WRAT								
MEAN	31.64	29.80	29.50	31.15	37.60	46.00	50.50	43.60
STANDARD DEVIATION	11.14	18.19	13.80	12.01	10.36	0.00	0.57	10.96
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.96	12.00	12.44	12.73	13.60	12.00	12.50	13.00
STANDARD DEVIATION	2.01	1.41	1.81	1.90	1.95	0.00	1.73	1.76
NUMBER	24	4	9	37	5	1	4	10
FAMILY INCOME IN DOLLARS								
MEAN	3804.31	3750.00	2125.00	3414.26	5300.00	1500.00	1833.33	3722.22
STANDARD DEVIATION	2219.31	2101.59	1125.99	2084.46	2863.56	0.00	577.35	2773.89
MEDIAN	3500.00	3000.00	1750.00	3125.00	5000.00	1500.00	1750.00	2500.00
NUMBER	23	4	8	35	5	1	3	9
FAMILY INCOME GE 9999								
PERCENT	4.35	-0.00	-0.00	2.86	-0.00	-0.00	-0.00	-0.00
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
CHILDS SEX								
PERCENT FEMALE	59.57	60.00	50.00	58.06	40.00	0.00	75.00	50.00
ENTRY AGE IN MONTHS								
MEAN	66.66	66.80	65.65	66.51	65.10	70.88	68.99	67.28
STANDARD DEVIATION	3.67	3.14	3.88	3.63	2.23	0.00	2.45	3.06
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.52	9.95	8.34	9.90	10.07	7.95	7.28	8.41
STANDARD DEVIATION	3.36	1.73	3.76	3.40	3.31	0.00	3.18	3.15
NUMBER	20	3	8	31	5	1	3	9
PERCENT HS GRAD	45.00	0.00	12.50	32.26	40.00	0.00	0.00	22.22
FEMALE HEADED HOUSEHOLD								
PERCENT	37.50	0.00	44.44	35.14	40.00	100.00	0.00	30.00
NUMBER	24	4	9	37	5	1	4	10
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	75.81	100.00	0.00	0.00	50.00
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	8.06	0.00	100.00	0.00	10.00
PERCENT NO PRESCHOOL	0.00	0.00	100.00	16.13	0.00	0.00	100.00	40.00

Table F16-(5)-IIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR BANK STREET MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	47	5	10	62	5	1	4	10
WORD KNOWLEDGE								
MEAN	24.04	21.60	22.50	23.60	11.20	8.00	12.50	11.40
STANDARD DEVIATION	13.36	16.13	12.65	13.27	2.77	0.00	3.87	3.20
SPELLING								
MEAN	16.30	14.40	12.80	15.58	5.60	0.00	13.75	8.30
STANDARD DEVIATION	14.44	15.31	14.27	14.30	3.58	0.00	4.19	6.04
LANGUAGE								
MEAN	18.43	19.40	16.80	18.24	18.40	22.00	15.25	17.50
STANDARD DEVIATION	5.51	6.19	4.98	5.44	2.61	0.00	5.44	4.22
RAVENS								
MEAN	20.45	19.80	19.00	20.16	15.60	18.00	19.50	17.40
STANDARD DEVIATION	8.15	10.23	8.37	8.22	5.32	0.00	10.50	7.29
READING								
MEAN	14.43	15.00	15.30	14.61	14.60	14.00	15.50	14.90
STANDARD DEVIATION	4.54	7.52	5.14	4.83	3.78	0.00	7.05	4.82
MATH CONCEPTS								
MEAN	16.13	16.20	12.10	15.48	11.80	6.00	15.25	12.60
STANDARD DEVIATION	5.38	6.61	4.48	5.46	2.86	0.00	4.03	4.17
MATH COMPUTATIONS								
MEAN	14.19	13.80	14.80	14.26	13.20	3.00	16.00	13.30
STANDARD DEVIATION	6.38	9.55	6.09	6.44	1.92	0.00	6.63	5.60
MATH PROBLEM SOLVING								
MEAN	12.94	14.80	12.20	12.97	10.60	4.00	15.50	11.90
STANDARD DEVIATION	5.32	9.44	4.92	5.58	1.95	0.00	4.04	4.56
COOPERSMITH								
MEAN	34.26	33.20	37.60	34.71	37.60	29.00	42.00	38.20
STANDARD DEVIATION	6.28	9.73	5.19	6.45	2.88	0.00	6.53	5.81
IARS(-)								
MEAN	9.45	8.80	9.10	9.34	9.40	9.00	7.25	8.50
STANDARD DEVIATION	2.83	2.17	2.23	2.67	2.07	0.00	4.79	3.27
IARS(+)								
MEAN	11.49	12.20	11.10	11.48	12.40	11.00	14.25	13.10
STANDARD DEVIATION	2.59	2.05	1.37	2.38	1.52	0.00	2.06	1.91
TOTAL READING								
MEAN	40.17	37.80	34.60	39.08	23.00	14.00	27.75	24.00
STANDARD DEVIATION	16.15	21.21	15.46	16.30	3.74	0.00	7.09	6.39
TOTAL MATH								
MEAN	47.57	48.40	44.00	47.39	39.40	25.00	51.00	42.60
STANDARD DEVIATION	18.06	27.84	17.37	18.49	7.96	0.00	19.30	14.96
LANGUAGE PART A								
MEAN	7.06	7.00	6.10	6.90	5.60	6.00	6.00	5.80
STANDARD DEVIATION	2.67	2.24	1.85	2.52	2.30	0.00	2.45	2.10
LANGUAGE PART B								
MEAN	11.36	12.40	10.70	11.34	12.00	16.00	9.25	11.70
STANDARD DEVIATION	4.16	4.16	3.89	4.07	1.48	0.00	3.86	3.37

Table F17-(5)-IIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR BANK STREET MODEL IN MACON CO., AL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	47	5	10	62	5	1	4	10
WORD KNOWLEDGE								
MEAN	24.04	21.60	22.50	23.60	11.20	8.00	12.50	11.40
STANDARD DEVIATION	13.30	16.13	12.65	13.27	2.77	0.00	3.87	3.20
SPELLING								
MEAN	16.30	14.40	12.80	15.58	5.60	0.00	13.75	8.30
STANDARD DEVIATION	14.44	15.31	14.27	14.30	3.58	0.00	4.19	[illegible]
LANGUAGE								
MEAN	18.43	19.40	16.80	18.24	18.40	22.00	15.25	17.50
STANDARD DEVIATION	5.51	6.19	4.98	5.44	2.61	0.00	5.44	4.22
RAVENS								
MEAN	20.45	19.80	19.00	20.16	15.60	18.00	19.50	17.40
STANDARD DEVIATION	8.15	10.23	8.37	8.22	5.32	0.00	10.50	7.29
READING								
MEAN	14.43	15.00	15.30	14.61	14.60	14.00	15.50	14.90
STANDARD DEVIATION	4.54	7.52	5.14	4.83	3.78	0.00	7.05	4.82
MATH CONCEPTS								
MEAN	16.13	16.20	12.10	15.48	11.80	6.00	15.25	12.60
STANDARD DEVIATION	5.38	6.61	4.48	5.46	2.86	0.00	4.73	4.17
MATH COMPUTATIONS								
MEAN	14.19	13.80	14.80	14.26	13.20	3.00	16.00	13.30
STANDARD DEVIATION	6.3[illegible]	9.55	6.09	6.44	1.92	0.00	6.63	5.60
MATH PROBLEM SOLVING								
MEAN	12.94	14.80	12.20	12.97	10.60	4.00	15.50	11.90
STANDARD DEVIATION	5.32	9.44	4.92	5.58	1.55	0.00	4.34	4.56
COOPERSMITH								
MEAN	34.26	33.20	37.60	34.71	37.00	29.00	42.00	38.20
STANDARD DEVIATION	6.28	9.73	5.19	6.45	2.55	0.00	6.53	5.81
IAPS(-)								
MEAN	9.45	8.80	9.10	9.34	9.40	9.00	7.25	8.50
STANDARD DEVIATION	2.83	2.17	2.23	2.67	2.07	0.00	4.79	3.27
IAPS(+)								
MEAN	11.49	12.20	11.10	11.48	12.60	11.00	14.25	13.10
STANDARD DEVIATION	2.59	2.05	1.37	2.38	1.52	0.00	2.06	1.91
TOTAL READING								
MEAN	40.17	37.80	34.60	39.08	23.00	14.00	27.75	24.00
STANDARD DEVIATION	16.15	21.21	15.46	16.30	3.74	0.00	7.09	6.39
TOTAL MATH								
MEAN	47.57	48.40	46.00	47.39	39.40	25.00	51.00	42.60
STANDARD DEVIATION	[illegible]	27.84	17.37	18.49	7.96	0.00	19.30	14.96
LANGUAGE PART A								
MEAN	7.06	7.00	6.10	6.90	5.60	5.00	4.50	5.40
STANDARD DEVIATION	2.67	2.24	1.85	2.52	2.32	0.00	2.45	2.10
LANGUAGE PART B								
MEAN	11.36	12.40	10.70	11.34	12.80	10.00	9.25	11.70
STANDARD DEVIATION	4.16	4.16	3.89	4.07	1.49	0.00	3.86	3.37

Table F11-(7)-IIK

SUMMARY OF EFFECTS
FOR DIRECT INSTRUCTION MODEL IN COHORT II-K, BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS: PBLA[a]			ANALYSIS: PBPA[b]		
	PRESCHOOL CATEGORY	Head Start	Some Preschool	No Preschool	Head Start	Some Preschool	No Preschool
BASIC SKILLS	Word Knowledge	-			-		
	Spelling	-			-		
	Language		+	+		+	+
	Math Computations			+		+	+
COGNITIVE CONCEPTUAL SKILLS	Raven's				-		
	Reading				-		
	Math Concepts					+	+
	Math Problem Solving					+	
AFFECTIVE MEASURES	Coopersmith						
	IARS (-)						
	IARS (+)						
	Total Reading	-			-		
	Total Math					+	+
	Language Part A					+	
	Language Part B		+	+	+	+	+

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Sample size of less than 30 children in FT and/or NFT

Table F12-(7)-IIK

SUMMARY OF EFFECTS IN COHORT II-K SITES IN THE DIRECT INSTRUCTION MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE New York, NY					E. St. Louis, IL					Grand Rapids, MI					Racine, WI					Flint, MI				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge										+						-	-	-	-	-					
Spelling				-	-				▨ +	-				-	-	-		-	-	-				-	-
Language	+	+	+	+	+	+	+	+	+	+	+	-		-	-						+	+	+	+	+
Math Computations					+	+	+	+	+	+									-		+	+	+	+	+
Raven's				-						-					-	-	-	-	-	-				+	+
Reading					+					+									-						+
Math Concepts				-		-			+	+					-				-		+	+	+	+	+
Math Problem Solving					+				▨ +	+					-				-		+	+	+	+	+
Coopersmith					+				▨ +	+					+					+				-	
IARS (-)																									
IARS (+)														-					-						
Total Reading					+					+						-		-	-	-					
Total Math					+	+			+	+					-				-		+		+	+	+
Language Part A				+	+	+			+	+				-					-		+	+	+	+	+
Language Part B	+	+	+	+	+	+	+	+	+	+	-			-	-						+	+	+	+	+

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(7)-IIK

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT II-K CHILDREN IN THE DIRECT INSTRUCTION MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPU-LATION	SITES											
		All[a]		New York, NY		E. St. Louis, IL		Grand Rapids, MI		Racine, WI		Flint, MI	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT
TOTAL READING													
Third Grade Median	61.0	59.2	59.3	63.6	61.4	60.0	54.5	55.1	55.2	58.9	65.5	58.6	59.8
Median Percentile	50	42	42	60	50	46	28	30	30	42	66	42	46
Grade Equivalent	3.5	3.3	3.3	3.8	3.5	3.4	2.8	2.9	2.9	3.3	4.1	3.3	3.4
% 1 Year or More Below Grade Level	20	20	22	10	23	16	20	36	34	22	9	16	22
TOTAL MATHEMATICS													
Third Grade Median	70.5	69.7	67.8	72.1	68.8	72.8	63.5	58.8	63.8	72.3	77.8	72.5	65.1
Median Percentile	50	48	40	56	44	60	28	16	28	56	72	56	32
Grade Equivalent	3.8	3.7	3.6	3.9	3.6	4.0	3.2	2.9	3.2	3.9	4.5	3.9	3.3
% 1 Year or More Below Grade Level	12	15	18	10	20	2	20	46	25	7	3	11	22
SPELLING													
Third Grade Median	64.0	63.4	68.2	66.0	66.8	65.2	72.0	58.5	61.2	61.9	74.0	65.5	67.2
Median Percentile	50	48	64	58	60	54	76	32	40	44	80	58	60
Grade Equivalent	3.6	3.5	4.2	3.9	4.1	3.7	4.7	3.0	3.3	3.4	4.9	3.9	4.1
% 1 Year or More Below Grade Level	22	20	19	7	19	16	20	33	31	24	3	20	20
LANGUAGE													
Third Grade Median	70.0	71.6	63.6	72.0	59.3	77.5	66.0	56.9	57.0	76.2	79.5	75.5	56.4
Median Percentile	50	56	34	56	23	74	40	20	20	68	80	68	18
Grade Equivalent	4.0	4.3	3.3	4.3	2.3	5.1	3.5	2.7	2.7	4.8	5.4	4.8	2.6
% 1 Year or More Below Grade Level	14	26	46	14	56	11	40	72	63	15	6	17	66

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(7)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	127	99	35	261	74	117	72	263
FALL KINDERGARTEN WRAT								
MEAN	30.76	33.04	31.94	31.78	32.47	36.38	27.81	32.93
STANDARD DEVIATION	13.60	12.76	14.10	13.35	15.88	15.20	13.01	15.20
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.53	13.60	13.81	13.61	13.91	14.24	13.82	13.99
STANDARD DEVIATION	1.65	1.97	1.80	1.78	2.00	2.05	2.20	2.09
NUMBER	73	45	32	150	58	63	68	189
FAMILY INCOME IN DOLLARS								
MEAN	4671.00	5510.78	6411.53	5297.97	5189.55	6593.55	5761.38	5868.83
STANDARD DEVIATION	2568.36	2971.70	3087.99	2787.92	2768.42	2704.64	2633.82	2746.26
MEDIAN	4178.21	5593.17	6500.00	4893.07	5083.17	6500.00	5792.08	5803.96
NUMBER	76	46	34	156	58	64	65	187
FAMILY INCOME GE 9999								
PERCENT	5.26	8.70	23.53	10.26	10.34	20.31	15.38	15.51
CHILDS ETHNICITY								
PERCENT WHITE	6.30	2.02	34.29	8.43	1.37	5.98	19.44	8.40
PERCENT BLACK	89.76	96.97	62.86	88.89	87.67	71.79	75.00	77.10
CHILDS SEX								
PERCENT FEMALE	51.18	48.48	51.43	50.19	41.89	52.99	45.83	47.91
ENTRY AGE IN MONTHS								
MEAN	67.41	67.05	67.84	67.33	66.84	66.98	68.39	67.33
STANDARD DEVIATION	3.86	3.29	3.84	3.64	3.70	3.81	3.71	3.80
PRIMARY LANGUAGE								
PERCENT ENGLISH	96.85	100.00	100.00	98.47	98.64	81.03	97.22	88.17
MOTHERS EDUCATION IN YEARS								
MEAN	11.02	11.90	11.66	11.71	11.43	12.49	11.11	11.68
STANDARD DEVIATION	2.71	1.79	1.80	2.26	2.28	2.61	2.77	2.63
NUMBER	72	46	35	153	56	63	67	186
PERCENT HS GRAD	48.61	52.17	45.71	49.02	39.29	66.67	35.82	47.31
FEMALE HEADED HOUSEHOLD								
PERCENT	50.00	46.81	42.86	47.53	46.55	27.27	38.89	37.24
NUMBER	80	47	35	162	58	66	72	196
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	48.66	100.00	0.00	0.00	28.14
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	37.93	0.00	100.00	0.00	44.49
PERCENT NO PRESCHOOL	0.00	0.00	100.00	13.41	0.00	0.00	100.00	27.38

Table F15-(7)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN NEW YORK, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	20	9	0	29	47	89	17	153
FALL KINDERGARTEN WRAT								
MEAN	44.90	43.78	0.00	44.55	35.32	36.28	25.41	34.78
STANDARD DEVIATION	14.32	12.74	0.00	13.63	17.30	15.15	6.97	15.48
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	14.19	14.38	0.00	14.25	14.78	14.03	14.06	14.31
STANDARD DEVIATION	1.83	1.77	0.00	1.78	2.17	1.98	2.33	2.13
NUMBER	16	8	0	24	32	38	17	87
FAMILY INCOME IN DOLLARS								
MEAN	4750.00	5388.89	0.00	4980.00	5328.03	5934.13	4941.12	5517.16
STANDARD DEVIATION	2144.76	2116.26	0.00	2133.46	2737.30	2557.77	2269.79	2574.84
MEDIAN	5000.00	4925.00	0.00	4875.00	5749.50	5249.50	4375.00	5312.87
NUMBER	16	9	0	25	32	38	17	87
FAMILY INCOME GE 9999								
PERCENT	0.00	0.00	0.00	0.00	9.38	7.89	5.88	8.05
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	95.00	88.89	0.00	93.10	85.11	73.03	82.35	77.78
CHILDS SEX								
PERCENT FEMALE	55.00	33.33	0.00	48.28	46.81	51.69	35.29	48.37
ENTRY AGE IN MONTHS								
MEAN	67.27	69.12	0.00	67.84	64.30	66.58	68.24	66.68
STANDARD DEVIATION	3.03	1.35	0.00	2.74	3.57	3.70	2.95	3.61
PRIMARY LANGUAGE								
PERCENT ENGLISH	95.00	100.00	0.00	96.55	87.23	75.00	88.24	80.26
MOTHERS EDUCATION IN YEARS								
MEAN	12.99	11.70	0.00	12.53	11.55	12.38	11.60	11.92
STANDARD DEVIATION	1.28	2.70	0.00	1.96	2.22	2.82	1.88	2.46
NUMBER	16	9	0	25	33	38	16	87
PERCENT HS GRAD	81.25	55.56	0.00	72.00	48.48	68.42	43.75	56.32
FEMALE HEADED HOUSEHOLD								
PERCENT	23.53	44.44	0.00	30.77	48.48	35.00	47.06	42.22
NUMBER	17	9	0	26	33	40	17	90
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	68.97	100.00	0.00	0.00	30.72
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	31.03	0.00	100.00	0.00	58.17
PERCENT NO PRESCHOOL	0.00	0.00	0.00	0.00	0.00	0.00	100.00	11.11

Table F15-(7)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN GRAND RAPIDS, MI

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	34	31	4	69	5	7	20	32
FALL KINDERGARTEN WRAT								
MEAN	28.38	23.87	15.25	25.59	22.60	22.14	21.90	22.06
STANDARD DEVIATION	9.47	10.03	7.63	10.10	12.22	4.41	10.88	9.78
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.73	12.82	13.50	13.31	13.20	14.40	13.84	13.83
STANDARD DEVIATION	1.85	1.25	1.91	1.62	.84	2.61	2.48	2.27
NUMBER	11	11	4	26	5	5	19	29
FAMILY INCOME IN DOLLARS								
MEAN	3500.00	4181.82	5833.33	4080.00	4375.00	6999.83	6289.26	6172.24
STANDARD DEVIATION	1596.67	1677.39	3329.16	1923.97	629.15	2664.36	2641.85	2532.64
MEDIAN	3166.67	4000.00	5000.00	3666.67	4500.00	6249.50	5875.00	5624.75
NUMBER	11	11	3	25	4	6	19	29
FAMILY INCOME GE 9999								
PERCENT	0.00	0.00	0.00	0.00	0.00	16.67	21.05	17.24
CHILDS ETHNICITY								
PERCENT WHITE	8.82	0.00	25.00	5.80	0.00	42.86	15.00	19.35
PERCENT BLACK	88.24	100.00	75.00	92.75	100.00	57.14	80.00	77.42
CHILDS SEX								
PERCENT FEMALE	58.82	51.61	50.00	55.07	0.00	57.14	45.00	40.63
ENTRY AGE IN MONTHS								
MEAN	68.07	67.22	67.14	67.64	67.87	66.27	67.47	67.27
STANDARD DEVIATION	3.31	3.66	2.85	3.43	2.48	2.74	3.48	3.16
PRIMARY LANGUAGE								
PERCENT ENGLISH	97.06	100.00	100.00	98.55	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.52	11.88	11.97	11.75	10.95	12.31	11.56	11.61
STANDARD DEVIATION	3.01	1.69	1.18	2.21	.00	1.66	3.66	2.97
NUMBER	10	10	4	24	5	6	18	29
PERCENT HS GRAD	50.00	60.00	50.00	54.17	0.00	50.00	44.44	37.93
FEMALE HEADED HOUSEHOLD								
PERCENT	63.64	63.64	75.00	65.38	40.00	33.33	30.00	32.26
NUMBER	11	11	4	26	5	6	20	31
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	49.28	100.00	0.00	0.00	15.63
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	44.93	0.00	100.00	0.00	21.88
PERCENT NO PRESCHOOL	0.00	0.00	100.00	5.80	0.00	0.00	100.00	62.50

Table F15-(7)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN FLINT, MI

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	27	15	22	64	8	17	16	41
FALL KINDERGARTEN WRAT								
MEAN	31.19	30.00	31.82	31.12	32.00	38.12	25.56	32.02
STANDARD DEVIATION	12.70	9.91	14.06	12.44	15.91	13.28	11.11	13.91
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.56	13.69	13.26	13.15	12.86	14.56	13.07	13.66
STANDARD DEVIATION	.63	2.10	1.41	1.49	.69	1.82	1.49	1.70
NUMBER	16	13	19	48	7	16	15	38
FAMILY INCOME IN DOLLARS								
MEAN	4666.67	6115.23	5613.45	5414.98	6624.87	7968.31	5199.87	6627.95
STANDARD DEVIATION	2526.33	2618.02	3081.67	2812.45	2669.09	2431.82	2575.72	2766.30
MEDIAN	4250.00	6000.00	4750.00	4875.00	6249.50	8749.50	4125.00	6375.25
NUMBER	18	13	22	53	8	16	15	39
FAMILY INCOME GE 9999								
PERCENT	0.00	15.38	18.18	11.32	12.50	43.75	13.33	25.64
CHILDS ETHNICITY								
PERCENT WHITE	3.70	0.00	9.09	4.69	12.50	11.76	25.00	17.07
PERCENT BLACK	96.30	100.00	86.36	93.75	87.50	82.35	75.00	80.49
CHILDS SEX								
PERCENT FEMALE	55.56	53.33	54.55	54.69	37.50	52.94	62.50	53.66
ENTRY AGE IN MONTHS								
MEAN	66.03	66.20	67.57	66.85	69.60	68.29	67.93	68.41
STANDARD DEVIATION	3.33	3.50	3.61	3.46	3.29	4.25	2.88	3.54
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	12.03	11.67	11.74	11.82	11.54	12.23	10.33	11.35
STANDARD DEVIATION	1.85	1.52	1.59	1.64	1.00	2.29	2.47	2.31
NUMBER	18	13	22	53	7	16	15	38
PERCENT HS GRAD	44.44	46.15	36.36	41.51	28.57	62.50	20.00	39.47
FEMALE HEADED HOUSEHOLD								
PERCENT	77.78	38.46	54.55	59.49	25.00	6.25	43.75	25.00
NUMBER	18	13	22	53	8	16	16	40
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	42.19	100.00	0.00	0.00	19.51
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	23.44	0.00	100.00	0.00	41.46
PERCENT NO PRESCHOOL	0.00	0.00	100.00	34.38	0.00	0.00	100.00	39.02

Table F15-(7)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN E. ST. LOUIS, IL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	2	42	0	44	0	0	5	5
FALL KINDERGARTEN WRAT								
MEAN	53.00	37.74	0.00	38.43	0.00	0.00	39.80	39.80
STANDARD DEVIATION	15.56	10.91	0.00	11.38	0.00	0.00	19.60	19.60
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	15.50	13.27	0.00	13.62	0.00	0.00	12.60	12.60
STANDARD DEVIATION	.71	2.37	0.00	2.33	0.00	0.00	.55	.55
NUMBER	2	11	0	13	0	0	5	5
FAMILY INCOME IN DOLLARS								
MEAN	5250.00	5590.73	0.00	5538.31	0.00	0.00	4300.00	4300.00
STANDARD DEVIATION	4596.19	3482.53	0.00	3430.41	0.00	0.00	2928.31	2928.31
MEDIAN	5250.00	6000.00	0.00	6000.00	0.00	0.00	3500.00	3500.00
NUMBER	2	11	0	13	0	0	5	5
FAMILY INCOME OF 9999								
PERCENT	0.00	18.18	0.00	15.38	0.00	0.00	0.00	0.00
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	0.00	100.00	0.00	0.00	100.00	100.00
CHILDS SEX								
PERCENT FEMALE	50.00	50.00	0.00	50.00	0.00	0.00	40.00	40.00
ENTRY AGE IN MONTHS								
MEAN	69.35	66.74	0.00	66.86	0.00	0.00	69.88	69.88
STANDARD DEVIATION	5.09	3.15	0.00	3.22	0.00	0.00	2.06	2.06
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	0.00	100.00	0.00	0.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	13.00	11.97	0.00	12.12	0.00	0.00	10.26	10.26
STANDARD DEVIATION	0.00	1.37	0.00	1.32	0.00	0.00	2.83	2.83
NUMBER	2	12	0	14	0	0	5	5
PERCENT HS GRAD	100.00	41.67	0.00	50.00	0.00	0.00	20.00	20.00
FEMALE HEADED HOUSEHOLD								
PERCENT	50.00	50.00	0.00	50.00	0.00	0.00	80.00	80.00
NUMBER	2	12	0	14	0	0	5	5
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	4.55	0.00	0.00	0.00	0.00
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	95.45	0.00	0.00	0.00	0.00
PERCENT NO PRESCHOOL	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00

Table F15-(7)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN RACINE, WI

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	44	2	9	55	14	4	14	32
FALL KINDERGARTEN WRAT								
MEAN	24.09	51.00	39.67	28.25	26.71	56.00	37.43	35.06
STANDARD DEVIATION	11.10	5.66	9.87	12.78	8.47	14.67	14.43	15.13
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.50	16.00	15.11	14.00	12.71	14.75	14.92	13.87
STANDARD DEVIATION	1.67	0.00	2.03	1.88	1.33	3.40	2.39	2.32
NUMBER	28	2	9	39	14	4	12	30
FAMILY INCOME IN DOLLARS								
MEAN	5034.34	9000.00	8555.11	6024.80	4285.87	6749.50	7944.11	5870.11
STANDARD DEVIATION	2993.60	707.11	2142.16	3170.02	3967.63	3947.02	2052.74	3280.12
MEDIAN	4500.00	9000.00	9500.00	6416.83	2750.00	6500.00	8500.00	6000.00
NUMBER	29	2	9	40	14	4	9	27
FAMILY INCOME GE 9999								
PERCENT	13.79	0.00	44.44	20.00	14.29	50.00	33.33	25.93
CHILDS ETHNICITY								
PERCENT WHITE	9.09	100.00	100.00	27.27	0.00	50.00	50.00	28.13
PERCENT BLACK	84.09	0.00	0.00	67.27	92.86	25.00	50.00	65.63
CHILDS SEX								
PERCENT FEMALE	40.91	0.00	44.44	40.00	42.86	75.00	42.86	46.88
ENTRY AGE IN MONTHS								
MEAN	67.35	67.99	68.81	67.61	66.72	71.51	69.90	68.71
STANDARD DEVIATION	4.79	3.21	4.89	4.72	4.27	2.34	5.56	4.96
PRIMARY LANGUAGE								
PERCENT ENGLISH	95.45	100.00	100.00	96.36	92.86	100.00	100.00	96.88
MOTHERS EDUCATION IN YEARS								
MEAN	10.43	14.00	11.32	10.84	11.25	15.67	11.12	11.68
STANDARD DEVIATION	3.36	1.41	2.52	3.17	3.47	1.15	2.72	3.20
NUMBER	26	2	9	37	11	3	13	27
PERCENT HS GRAD	26.92	100.00	66.67	40.54	36.36	100.00	38.46	44.44
FEMALE HEADED HOUSEHOLD								
PERCENT	43.75	0.00	0.00	32.56	58.33	25.00	21.43	36.67
NUMBER	32	2	9	43	12	4	14	30
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	80.00	100.00	0.00	0.00	43.75
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	3.64	0.00	100.00	0.00	12.50
PERCENT NO PRESCHOOL	0.00	0.00	100.00	16.36	0.00	0.00	100.00	43.75

Table F16-(7)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	127	99	35	261	74	117	72	263
WORD KNOWLEDGE								
MEAN	25.19	26.87	29.63	26.42	29.53	28.41	28.53	28.76
STANDARD DEVIATION	9.03	9.83	9.09	9.72	12.18	10.84	11.54	11.38
SPELLING								
MEAN	19.96	22.28	23.51	21.07	24.35	24.46	23.83	24.82
STANDARD DEVIATION	11.07	11.05	10.73	11.09	12.71	12.65	12.30	12.56
LANGUAGE								
MEAN	24.91	26.83	28.71	26.15	21.73	19.05	21.06	20.35
STANDARD DEVIATION	10.97	10.66	11.43	10.96	10.29	10.15	10.43	10.30
RAVENS								
MEAN	23.97	24.23	27.66	24.56	24.42	24.40	22.33	23.86
STANDARD DEVIATION	8.00	8.56	6.79	8.42	8.18	8.41	8.65	8.52
READING								
MEAN	17.32	18.18	19.34	18.02	18.72	19.11	18.97	18.94
STANDARD DEVIATION	4.94	4.87	5.05	4.84	4.12	4.78	4.47	4.51
MATH CONCEPTS								
MEAN	19.73	20.88	22.31	20.52	22.59	21.75	20.00	21.51
STANDARD DEVIATION	7.23	8.03	8.31	7.71	8.97	8.69	8.50	8.74
MATH COMPUTATIONS								
MEAN	19.14	19.49	22.26	19.69	21.66	20.36	19.33	20.26
STANDARD DEVIATION	7.21	7.50	8.39	7.55	8.79	8.70	8.08	8.55
MATH PROBLEM SOLVING								
MEAN	15.78	16.07	17.83	16.16	16.51	16.38	16.29	16.39
STANDARD DEVIATION	6.63	7.05	8.25	7.03	8.37	8.18	7.90	8.10
COOPERSMITH								
MEAN	36.96	36.12	36.85	36.62	36.12	36.72	37.03	36.88
STANDARD DEVIATION	7.08	7.78	7.31	7.37	6.35	7.64	7.68	7.26
IARS(-)								
MEAN	10.12	10.43	9.60	10.25	10.46	10.47	10.61	10.51
STANDARD DEVIATION	3.04	2.79	2.60	2.90	2.83	3.06	2.53	2.86
IARS(+)								
MEAN	15.72	15.68	15.64	15.69	16.18	15.86	16.21	16.03
STANDARD DEVIATION	2.72	2.72	2.29	2.66	3.13	2.78	2.55	2.82
TOTAL READING								
MEAN	44.92	47.76	51.96	46.96	52.12	50.16	48.53	50.27
STANDARD DEVIATION	16.06	17.36	16.88	16.78	20.10	18.76	19.02	19.19
TOTAL MATH								
MEAN	58.09	59.86	67.76	60.42	61.03	61.14	57.96	60.49
STANDARD DEVIATION	20.80	21.35	21.85	21.27	23.44	23.71	22.60	23.36
LANGUAGE PART A								
MEAN	9.02	10.28	10.03	9.63	9.11	8.50	8.90	8.78
STANDARD DEVIATION	3.49	3.17	3.32	3.39	3.11	3.22	3.22	3.19
LANGUAGE PART B								
MEAN	15.89	16.55	18.60	16.51	12.42	10.55	12.15	11.57
STANDARD DEVIATION	8.91	8.36	8.70	8.44	8.06	8.16	8.15	8.15

Table F17-(7)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN NEW YORK, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	20	9	0	29	47	89	17	153
WORD KNOWLEDGE								
MEAN	30.71	29.33	0.00	30.28	28.45	27.91	29.12	28.21
STANDARD DEVIATION	10.22	6.38	0.00	9.11	12.30	10.77	12.32	11.36
SPELLING								
MEAN	25.60	24.11	0.00	25.14	25.49	24.08	25.06	24.62
STANDARD DEVIATION	9.65	10.36	0.00	9.72	13.11	12.91	12.16	12.82
LANGUAGE								
MEAN	27.00	27.11	0.00	27.03	20.36	18.29	17.24	18.81
STANDARD DEVIATION	9.52	8.64	0.00	9.10	9.33	9.13	7.56	9.04
RAVENS								
MEAN	26.35	26.78	0.00	26.48	24.38	24.47	23.47	24.33
STANDARD DEVIATION	8.24	7.53	0.00	7.89	8.13	9.00	9.29	8.72
READING								
MEAN	17.65	19.78	0.00	18.31	18.94	18.96	18.00	18.84
STANDARD DEVIATION	4.92	4.29	0.00	4.77	3.98	4.85	4.86	4.58
MATH CONCEPTS								
MEAN	24.80	24.44	0.00	24.69	23.21	21.49	20.47	21.91
STANDARD DEVIATION	7.78	5.50	0.00	7.05	9.60	8.68	8.68	8.96
MATH COMPUTATIONS								
MEAN	20.89	21.56	0.00	21.10	21.28	20.27	18.71	20.41
STANDARD DEVIATION	6.83	5.98	0.00	6.48	9.71	8.76	8.32	8.99
MATH PROBLEM SOLVING								
MEAN	17.79	17.56	0.00	17.72	16.62	16.39	17.06	16.54
STANDARD DEVIATION	7.35	6.50	0.00	6.98	8.53	8.26	8.04	8.27
COOPERSMITH								
MEAN	38.35	39.22	0.00	38.62	35.51	36.34	38.53	36.33
STANDARD DEVIATION	5.97	5.67	0.00	5.79	6.56	7.67	5.01	7.11
IARS(-)								
MEAN	10.90	10.89	0.00	10.90	10.70	10.52	11.29	10.66
STANDARD DEVIATION	3.24	4.43	0.00	3.57	2.80	3.14	2.95	3.01
IARS(+)								
MEAN	15.85	16.11	0.00	15.93	16.13	15.74	14.71	15.97
STANDARD DEVIATION	3.17	2.03	0.00	2.83	3.53	2.66	2.37	2.93
TOTAL READING								
MEAN	55.50	53.78	0.00	54.97	51.66	49.40	49.59	50.12
STANDARD DEVIATION	17.35	11.48	0.00	15.57	21.29	18.63	20.02	19.52
TOTAL MATH								
MEAN	65.05	65.89	0.00	65.31	62.28	61.13	59.24	61.27
STANDARD DEVIATION	20.50	18.62	0.00	19.61	24.65	24.20	23.88	24.16
LANGUAGE PART A								
MEAN	10.30	10.78	0.00	10.45	8.83	8.20	8.24	8.40
STANDARD DEVIATION	3.10	2.49	0.00	2.89	2.83	3.09	2.80	2.97
LANGUAGE PART B								
MEAN	16.70	16.33	0.00	16.59	11.53	10.09	9.00	10.41
STANDARD DEVIATION	7.26	6.75	0.00	6.98	7.30	7.30	5.94	7.17

Table F17-(7)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN GRAND RAPIDS, MI

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	34	31	4	69	5	7	20	32
WORD KNOWLEDGE								
MEAN	22.91	23.10	21.25	22.65	17.00	26.43	25.10	24.12
STANDARD DEVIATION	8.25	9.89	5.44	8.81	9.02	10.23	10.80	10.70
SPELLING								
MEAN	16.15	18.10	10.50	16.70	12.80	24.86	19.75	19.78
STANDARD DEVIATION	9.42	12.20	10.08	10.79	13.81	11.91	12.62	12.78
LANGUAGE								
MEAN	13.74	17.81	10.00	15.35	12.20	23.14	18.85	18.75
STANDARD DEVIATION	4.67	6.92	3.65	5.74	2.39	12.31	8.36	9.17
RAVENS								
MEAN	16.38	15.42	15.75	15.91	12.40	21.43	18.30	18.06
STANDARD DEVIATION	6.91	4.83	4.86	5.89	5.73	8.89	7.51	7.87
READING								
MEAN	17.00	17.13	17.75	17.13	15.20	20.29	18.75	18.53
STANDARD DEVIATION	4.01	3.96	2.63	4.19	3.11	4.42	3.51	3.89
MATH CONCEPTS								
MEAN	17.32	17.65	15.75	17.38	15.80	19.14	18.70	18.34
STANDARD DEVIATION	5.82	6.85	6.60	6.26	6.30	7.20	9.27	8.31
MATH COMPUTATIONS								
MEAN	14.32	14.19	12.25	14.14	12.20	19.43	18.15	17.50
STANDARD DEVIATION	6.48	5.59	4.35	5.94	5.63	10.64	6.23	7.44
MATH PROBLEM SOLVING								
MEAN	11.91	11.29	9.00	11.22	8.60	14.14	14.50	13.50
STANDARD DEVIATION	5.42	4.93	4.55	5.12	4.83	8.38	6.36	6.78
COOPERSMITH								
MEAN	35.12	35.18	36.50	35.22	35.80	36.43	37.35	36.91
STANDARD DEVIATION	7.50	6.37	6.46	6.91	4.92	8.46	8.04	7.55
TALS(-)								
MEAN	9.29	10.81	9.50	9.99	8.40	10.29	9.95	9.78
STANDARD DEVIATION	2.84	2.26	1.91	2.63	3.44	3.95	2.80	3.12
TARS(+)								
MEAN	15.59	15.45	15.25	15.51	15.60	16.57	16.20	16.19
STANDARD DEVIATION	2.20	2.06	2.22	2.14	2.41	1.72	2.35	2.19
TOTAL READING								
MEAN	39.74	40.74	37.00	40.03	32.80	45.57	43.80	42.47
STANDARD DEVIATION	12.91	16.20	11.22	14.24	13.31	16.73	19.43	18.08
TOTAL MATH								
MEAN	42.12	40.90	37.00	41.28	33.20	55.00	50.95	49.06
STANDARD DEVIATION	14.42	13.54	13.64	15.42	15.55	25.64	18.51	20.47
LANGUAGE PART A								
MEAN	6.53	8.71	5.00	7.42	6.20	9.71	8.90	8.66
STANDARD DEVIATION	3.00	3.12	2.58	3.23	1.30	3.99	2.57	2.94
LANGUAGE PART B								
MEAN	7.21	9.10	5.00	7.93	6.00	13.43	9.95	10.09
STANDARD DEVIATION	2.69	4.12	2.00	3.55	2.00	9.18	6.54	6.95

Table F17-(7)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN FLINT, MI

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	27	15	22	64	8	17	16	41
WORD KNOWLEDGE								
MEAN	24.52	30.00	28.32	27.11	31.62	28.18	27.69	28.66
STANDARD DEVIATION	9.34	8.56	8.32	8.98	9.63	10.37	11.78	10.68
SPELLING								
MEAN	20.00	25.93	22.86	22.37	28.25	23.82	22.37	24.12
STANDARD DEVIATION	11.89	9.22	9.35	10.58	9.22	12.63	13.23	12.20
LANGUAGE								
MEAN	29.93	29.47	28.05	29.22	20.97	16.06	17.62	17.61
STANDARD DEVIATION	9.22	10.27	9.62	9.69	13.35	9.02	8.60	9.73
RAVENS								
MEAN	27.37	27.93	28.73	27.97	26.12	22.76	20.63	22.20
STANDARD DEVIATION	8.35	6.26	5.91	7.03	6.96	5.23	6.15	5.95
READING								
MEAN	18.81	18.73	18.73	18.77	16.88	18.00	17.81	17.71
STANDARD DEVIATION	4.90	5.12	5.06	4.95	4.61	4.09	4.75	4.37
MATH CONCEPTS								
MEAN	19.59	22.93	21.09	20.89	21.12	21.65	18.06	20.15
STANDARD DEVIATION	6.54	8.30	7.64	7.38	8.37	8.14	7.26	7.84
MATH COMPUTATIONS								
MEAN	20.00	21.40	20.95	20.66	18.37	18.76	17.19	18.07
STANDARD DEVIATION	6.44	7.40	7.29	6.88	6.65	6.22	7.34	6.53
MATH PROBLEM SOLVING								
MEAN	16.93	18.60	16.91	17.31	15.75	14.18	12.56	13.85
STANDARD DEVIATION	5.82	7.18	7.95	6.85	7.36	5.66	6.37	6.26
COOPERSMITH								
MEAN	36.19	34.27	36.05	35.69	39.62	37.53	37.62	37.98
STANDARD DEVIATION	6.95	7.07	7.49	7.10	3.58	7.12	8.41	7.05
IARS(-)								
MEAN	10.04	10.53	9.23	9.88	10.00	10.41	10.12	10.22
STANDARD DEVIATION	3.03	2.80	2.86	2.92	2.67	2.37	1.31	2.04
IARS(+)								
MEAN	15.63	15.33	15.50	15.52	15.12	15.94	15.31	15.56
STANDARD DEVIATION	3.79	3.26	2.37	3.19	2.53	3.83	1.89	2.91
TOTAL READING								
MEAN	44.11	52.93	49.41	48.00	52.75	49.82	45.75	48.80
STANDARD DEVIATION	15.20	16.58	15.51	15.83	15.75	17.95	18.15	17.41
TOTAL MATH								
MEAN	64.30	67.93	66.50	65.94	58.25	55.71	50.37	54.12
STANDARD DEVIATION	18.01	18.83	19.86	18.85	19.17	15.55	16.16	16.49
LANGUAGE PART A								
MEAN	9.78	9.87	10.18	9.94	9.00	8.65	7.56	8.29
STANDARD DEVIATION	2.82	3.11	3.10	2.96	4.36	3.32	3.65	3.61
LANGUAGE PART B								
MEAN	20.15	19.80	17.86	19.28	11.88	7.41	10.06	9.32
STANDARD DEVIATION	7.90	7.78	7.27	7.26	9.69	7.23	6.13	7.38

Table F17-(7)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN E. ST. LOUIS, IL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	2	42	0	44	0	0	5	5
WORD KNOWLEDGE								
MEAN	38.00	27.36	0.00	27.84	0.00	0.00	25.20	25.20
STANDARD DEVIATION	4.24	10.08	0.00	10.11	0.00	0.00	6.22	6.22
SPELLING								
MEAN	31.00	23.17	0.00	23.52	0.00	0.00	28.40	28.40
STANDARD DEVIATION	4.24	10.42	0.00	10.33	0.00	0.00	11.01	11.01
LANGUAGE								
MEAN	43.50	31.66	0.00	32.18	0.00	0.00	20.20	20.20
STANDARD DEVIATION	3.54	9.67	0.00	9.78	0.00	0.00	10.23	10.23
RAVENS								
MEAN	35.00	28.60	0.00	28.89	0.00	0.00	19.60	19.60
STANDARD DEVIATION	4.24	6.81	0.00	6.82	0.00	0.00	10.33	10.33
READING								
MEAN	22.00	18.21	0.00	18.39	0.00	0.00	19.00	19.00
STANDARD DEVIATION	7.07	4.80	0.00	4.88	0.00	0.00	4.53	4.53
MATH CONCEPTS								
MEAN	31.50	21.14	0.00	21.61	0.00	0.00	19.20	19.20
STANDARD DEVIATION	2.12	8.29	0.00	8.39	0.00	0.00	9.42	9.42
MATH COMPUTATIONS								
MEAN	29.00	21.62	0.00	21.95	0.00	0.00	17.20	17.20
STANDARD DEVIATION	11.31	6.94	0.00	7.16	0.00	0.00	7.60	7.60
MATH PROBLEM SOLVING								
MEAN	25.50	17.79	0.00	18.14	0.00	0.00	17.20	17.20
STANDARD DEVIATION	7.78	6.67	0.00	6.82	0.00	0.00	8.87	8.87
COOPERSMITH								
MEAN	44.50	36.57	0.00	36.93	0.00	0.00	40.40	40.40
STANDARD DEVIATION	.71	9.26	0.00	9.20	0.00	0.00	5.90	5.90
IAPS(-)								
MEAN	14.00	10.43	0.00	10.59	0.00	0.00	11.80	11.80
STANDARD DEVIATION	1.41	2.86	0.00	2.90	0.00	0.00	2.17	2.17
IAPS(+)								
MEAN	17.00	15.81	0.00	15.86	0.00	0.00	15.80	15.80
STANDARD DEVIATION	2.83	3.15	0.00	3.11	0.00	0.00	5.07	5.07
TOTAL READING								
MEAN	69.50	48.50	0.00	49.45	0.00	0.00	44.40	44.40
STANDARD DEVIATION	2.12	17.79	0.00	17.93	0.00	0.00	15.08	15.08
TOTAL MATH								
MEAN	89.50	68.00	0.00	68.98	0.00	0.00	54.00	54.00
STANDARD DEVIATION	23.33	18.58	0.00	19.03	0.00	0.00	24.26	24.26
LANGUAGE PART A								
MEAN	13.50	11.38	0.00	11.48	0.00	0.00	9.40	9.40
STANDARD DEVIATION	2.12	2.97	0.00	2.95	0.00	0.00	4.51	4.51
LANGUAGE PART B								
MEAN	30.00	20.26	0.00	20.70	0.00	0.00	10.80	10.80
STANDARD DEVIATION	1.41	7.45	0.00	7.56	0.00	0.00	6.91	6.91

Table F17-(7)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN RACINE, WI

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	44	2	9	55	14	4	14	32
WORD KNOWLEDGE								
MEAN	24.00	40.50	36.56	27.18	36.43	44.00	34.86	36.69
STANDARD DEVIATION	9.59	.71	8.05	10.45	10.40	4.24	11.44	10.51
SPELLING								
MEAN	18.39	31.50	30.89	20.91	33.00	35.00	28.21	31.16
STANDARD DEVIATION	11.41	3.54	8.62	11.87	8.40	2.94	10.61	9.22
LANGUAGE								
MEAN	28.00	43.00	38.67	30.82	30.21	41.50	33.07	32.87
STANDARD DEVIATION	9.87	0.00	4.42	10.00	8.33	4.80	10.36	9.44
RAVENS								
MEAN	26.18	30.00	30.33	26.98	29.00	35.00	29.64	30.03
STANDARD DEVIATION	6.45	4.24	3.67	6.18	5.26	1.63	7.29	6.16
READING								
MEAN	16.02	22.50	21.56	17.80	20.29	25.25	21.79	21.56
STANDARD DEVIATION	5.08	3.54	5.55	5.41	3.91	2.36	4.28	4.14
MATH CONCEPTS								
MEAN	18.04	34.50	28.22	20.95	23.79	32.50	23.79	24.87
STANDARD DEVIATION	7.12	.71	7.68	8.27	7.33	9.18	8.06	8.15
MATH COMPUTATIONS								
MEAN	21.09	33.50	29.80	22.98	24.71	30.75	25.00	25.59
STANDARD DEVIATION	6.73	.71	5.30	7.43	4.60	9.22	9.47	7.66
MATH PROBLEM SOLVING								
MEAN	17.19	28.50	24.00	18.64	19.43	29.25	21.86	21.72
STANDARD DEVIATION	6.00	2.12	5.63	6.66	7.56	4.03	8.63	8.15
COOPERSMITH								
MEAN	37.89	41.50	38.78	38.16	36.29	42.25	37.50	37.56
STANDARD DEVIATION	7.19	3.54	7.63	7.03	7.12	8.18	9.18	8.16
TAPS(-)								
MEAN	10.27	11.50	10.89	10.42	10.64	10.00	10.86	10.66
STANDARD DEVIATION	3.00	.71	1.90	2.79	2.79	2.16	2.68	2.61
TAPS(+)								
MEAN	15.75	17.00	16.22	15.87	17.14	16.25	16.79	16.88
STANDARD DEVIATION	2.08	0.00	2.28	2.07	1.99	2.36	2.58	2.25
TOTAL READING								
MEAN	43.39	75.00	64.78	48.13	60.21	76.50	58.64	61.56
STANDARD DEVIATION	15.82	0.00	14.76	17.96	16.17	12.69	17.81	17.08
TOTAL MATH								
MEAN	64.39	92.00	84.22	69.60	73.14	95.00	76.50	77.34
STANDARD DEVIATION	17.17	1.41	12.02	18.22	15.92	13.14	24.10	20.37
LANGUAGE PART A								
MEAN	9.08	12.50	11.89	10.15	11.14	12.50	11.07	11.28
STANDARD DEVIATION	3.29	.71	1.62	3.32	2.68	1.91	2.76	2.61
LANGUAGE PART B								
MEAN	18.98	30.50	26.78	20.67	19.07	29.00	22.00	21.59
STANDARD DEVIATION	7.00	.71	3.53	7.74	7.62	5.35	8.22	8.09

Table F11-(7)-IIIEF

SUMMARY OF EFFECTS
FOR DIRECT INSTRUCTION MODEL IN COHORT III-EF, BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS					
		PBLA[a]			PBPA[b]		
	PRESCHOOL CATEGORY	Head Start	Some Preschool	No Preschool	Head Start	Some Preschool	No Preschool
BASIC SKILLS	Word Knowledge	▨ +	+	▨	▨ +	+	▨
	Spelling	▨		▨	▨ +	+	▨ -
	Language	▨ +	+	▨	▨ +	+	▨ +
	Math Computations	▨ +	+	▨	▨ +	+	▨ +
COGNITIVE CONCEPTUAL SKILLS	Raven's	▨		▨	▨ +		▨ -
	Reading	▨ +	+	▨	▨ +	+	▨
	Math Concepts	▨ +	+	▨	▨	+	▨
	Math Problem Solving	▨ +	+	▨	▨ +	+	▨
AFFECTIVE MEASURES	Coopersmith	▨		▨	▨ +	+	▨
	IARS(-)	▨	+	▨	▨	+	▨
	IARS(+)	▨	+	▨	▨ +	+	▨
	Total Reading	▨ +	+	▨	▨ +	+	▨
	Total Math	▨ +	+	▨	▨ +	+	▨
	Language Part A	▨ +	+	▨	▨ +	+	▨ +
	Language Part B	▨ +	+	▨ +	▨ +	+	▨ +

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Sample size of less than 30 children in FT and/or NFT

Table F12-(7)-IIIEF

SUMMARY OF EFFECTS IN COHORT III-EF SITES IN THE DIRECT INSTRUCTION MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE														
	Dayton, OH					Tupelo, MS					Williamsburg Co., SC				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge						–		–	▨		+	+	+	+	+
Spelling	–		–	–	–				▨		+	+	+	+	+
Language	+	+	+	+	+				▨ +	+	+	+	+	+	+
Math Computations	+	+	+	+	+				▨ +		+	+	+	+	+
Raven's								▨	▨ +					+	
Reading				+		–	–	–	▨		+	+	+	+	+
Math Concepts	+	+	+	+	+				▨		+	+	+	+	+
Math Problem Solving	+	+	+	+	+				▨ +	+	+	+	+	+	+
Coopersmith					–				▨		+	+	+	+	+
IARS (–)					+							+	+	+	+
IARS (+)	+	+	+	+	+	–	–	▨ +	▨	–	+	+	+	+	+
Total Reading						–		–	▨		+		+	+	+
Total Math	+		+	+	+				▨		+		+	+	+
Language Part A	+	+	+	+	+				▨ +	+	+	+	+	+	+
Language Part B	+	+	+	+	+				▨ +	+	+	+	+	+	+

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(7)-IIIEF

SELECTION ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT III-EF CHILDREN IN THE DIRECT INSTRUCTION MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPULATION	SITES							
		All[a]		Dayton, OH		Tupelo, MS		Williamsburg Co., SC	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT
TOTAL READING									
Third Grade Median	61.0	53.5	53.6	53.4	53.0	54.8	66.7	52.4	41.0
Median Percentile	50	28	28	24	24	30	68	22	5
Grade Equivalent	3.5	2.8	2.8	2.7	2.7	2.9	4.2	2.6	1.9
% 1 Year or More Below Grade Level	20	42	46	43	47	38	7	45	83
TOTAL MATHEMATICS									
Third Grade Median	70.5	67.7	64.7	69.2	66.2	70.2	77.4	63.8	50.5
Median Percentile	50	40	32	44	34	48	70	28	6
Grade Equivalent	3.8	3.6	3.3	3.6	3.4	3.7	4.4	3.2	2.2
% 1 Year or More Below Grade Level	12	23	39	14	35	19	4	37	78
SPELLING									
Third Grade Median	64.0	57.9	56.4	56.8	63.0	57.8	66.2	59.2	40.1
Median Percentile	50	32	26	30	48	32	58	36	4
Grade Equivalent	3.6	3.0	2.8	2.7	3.2	2.8	3.9	2.9	1.6
% 1 Year or More Below Grade Level	22	39	43	45	27	34	12	38	89
LANGUAGE									
Third Grade Median	70.0	68.3	59.5	68.8	55.5	73.5	72.6	62.6	50.3
Median Percentile	50	44	26	48	18	62	58	32	8
Grade Equivalent	4.0	3.7	3.0	3.7	2.6	4.6	4.5	3.2	2.1
% 1 Year or More Below Grade Level	14	32	58	29	72	24	12	42	89

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(7)-IIIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	79	157	21	257	16	83	32	131
FALL KINDERGARTEN WRAT								
MEAN	41.96	38.80	34.33	39.40	45.50	49.08	47.06	48.15
STANDARD DEVIATION	13.37	11.69	14.14	12.56	9.83	11.50	11.84	11.39
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.27	13.04	13.50	13.16	13.44	15.36	14.26	14.84
STANDARD DEVIATION	1.93	1.87	2.07	1.90	2.22	2.40	2.07	2.40
NUMBER	75	84	6	165	16	70	23	109
FAMILY INCOME IN DOLLARS								
MEAN	3417.24	3235.27	3220.00	3317.05	5137.44	6989.45	6633.14	6639.31
STANDARD DEVIATION	2301.34	2271.90	1217.37	2253.12	3352.69	3439.59	2886.34	3358.39
MEDIAN	2488.09	2031.25	3075.00	2100.00	4450.00	8749.75	6200.00	8019.90
NUMBER	74	85	5	164	16	69	21	106
FAMILY INCOME GE 9999								
PERCENT	2.70	2.35	0.00	2.44	6.25	40.58	19.05	31.13
CHILDS ETHNICITY								
PERCENT WHITE	5.06	1.27	4.76	2.72	12.50	54.22	75.00	54.20
PERCENT BLACK	94.94	98.73	95.24	97.28	87.50	45.78	25.00	45.80
CHILDS SEX								
PERCENT FEMALE	53.16	47.13	61.90	50.19	56.25	54.22	34.38	49.62
ENTRY AGE IN MONTHS								
MEAN	64.01	65.20	64.97	64.81	66.63	64.53	65.63	65.06
STANDARD DEVIATION	5.12	4.41	3.92	4.62	4.44	5.58	6.98	5.84
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.82	10.99	9.14	10.83	11.82	12.97	10.68	12.33
STANDARD DEVIATION	2.84	2.93	4.17	2.94	2.10	2.50	2.07	2.53
NUMBER	66	72	6	144	13	65	21	99
PERCENT HS GRAD	31.82	40.28	33.33	36.11	38.46	67.69	23.81	54.55
FEMALE HEADED HOUSEHOLD								
PERCENT	54.67	32.56	28.57	42.26	31.25	9.86	12.50	13.51
NUMBER	75	86	7	168	16	71	24	111
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	30.74	100.00	0.00	0.00	12.21
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	61.09	0.00	100.00	0.00	63.36
PERCENT NO PRESCHOOL	0.00	0.00	100.00	8.17	0.00	0.00	100.00	24.43

Table F15-(7)-IIIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN DAYTON, OH

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	20	90	16	126	12	21	7	40
FALL KINDERGARTEN WRAT								
MEAN	43.75	41.87	38.75	41.77	45.67	45.76	49.71	46.42
STANDARD DEVIATION	11.90	10.80	12.90	11.16	9.82	10.82	13.79	10.90
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.68	13.00	16.00	13.50	12.67	13.56	14.25	13.24
STANDARD DEVIATION	1.80	1.66	0.00	1.80	1.15	1.59	2.06	1.54
NUMBER	19	17	2	38	12	9	4	25
FAMILY INCOME IN DOLLARS								
MEAN	4011.00	3668.37	5200.00	3870.97	4775.00	6955.22	6179.80	5799.85
STANDARD DEVIATION	2734.25	2192.33	0.00	2688.02	3202.02	3102.10	3631.82	3273.32
MEDIAN	2600.00	2066.67	5200.00	2566.67	2750.00	8000.00	8000.00	6300.00
NUMBER	18	19	1	38	12	9	5	26
FAMILY INCOME GE 9999								
PERCENT	11.11	5.26	0.00	7.89	0.00	33.33	20.00	15.38
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
CHILDS SEX								
PERCENT FEMALE	60.00	45.56	68.75	50.79	50.00	42.86	28.57	42.50
ENTRY AGE IN MONTHS								
MEAN	66.40	65.77	64.89	65.77	68.30	65.77	70.76	67.41
STANDARD DEVIATION	6.64	4.40	3.49	4.71	2.50	3.66	6.24	4.28
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	12.39	12.43	13.00	12.44	11.47	10.68	11.17	11.11
STANDARD DEVIATION	1.39	1.17	0.00	1.24	1.60	2.72	2.07	2.11
NUMBER	17	18	2	37	10	9	5	24
PERCENT HS GR D	58.82	66.67	100.00	64.86	40.00	22.22	40.00	33.33
FEMALE HEADED HOUSEHOLD								
PERCENT	63.16	68.42	0.00	62.50	41.67	11.11	40.00	30.77
NUMBER	19	19	2	40	12	9	5	26
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	15.87	100.00	0.00	0.00	30.00
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	71.43	0.00	100.00	0.00	52.50
PERCENT NO PRESCHOOL	0.00	0.00	100.00	12.70	0.00	0.00	100.00	17.50

Table F15-(7)-IIIEF (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN TUPELO, MS

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	46	8	4	58	2	46	25	73
FALL KINDERGARTEN WRAT								
MEAN	42.41	36.75	21.25	40.17	47.00	52.67	46.32	50.34
STANDARD DEVIATION	14.57	11.66	7.50	14.77	11.31	11.79	11.44	11.91
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.91	14.12	12.67	13.07	16.00	16.39	14.26	15.78
STANDARD DEVIATION	1.34	2.53	.58	1.71	4.24	1.76	2.13	2.13
NUMBER	43	8	3	54	2	46	19	67
FAMILY INCOME IN DOLLARS								
MEAN	3265.12	5299.86	2966.67	3516.96	9599.50	8713.07	6774.81	8241.47
STANDARD DEVIATION	2067.31	3102.56	404.15	2260.54	564.98	2318.82	2738.74	2534.77
MEDIAN	2400.00	3600.00	3025.00	3066.67	9599.50	9923.38	5799.50	9833.17
NUMBER	43	7	3	53	2	44	16	62
FAMILY INCOME GE 9999								
PERCENT	0.00	14.29	0.00	1.89	50.00	56.82	18.75	46.77
CHILDS ETHNICITY								
PERCENT WHITE	8.70	12.50	25.00	10.34	100.00	97.83	96.00	97.26
PERCENT BLACK	91.30	87.50	75.00	89.66	0.00	2.17	4.00	2.74
CHILDS SEX								
PERCENT FEMALE	47.83	25.00	50.00	44.83	50.00	56.52	36.00	49.32
ENTRY AGE IN MONTHS								
MEAN	62.40	65.08	66.17	63.03	61.74	63.51	64.19	63.70
STANDARD DEVIATION	3.76	6.54	5.99	4.46	2.21	3.53	6.59	4.75
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.54	12.06	6.97	10.57	13.07	13.99	10.52	13.10
STANDARD DEVIATION	2.71	3.07	4.56	3.02	4.28	1.82	2.11	2.46
NUMBER	37	8	3	48	2	44	16	62
PERCENT HS GRAD	24.32	62.50	0.00	29.17	50.00	86.36	18.75	67.74
FEMALE HEADED HOUSEHOLD								
PERCENT	62.79	50.00	50.00	60.00	0.00	8.70	5.26	7.46
NUMBER	43	8	4	55	2	46	19	67
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	79.31	100.00	0.00	0.00	2.74
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	13.79	0.00	100.00	0.00	63.01
PERCENT NO PRESCHOOL	0.00	0.00	100.00	6.90	0.00	0.00	100.00	34.25

Table F15-(7)-IIIEF (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN WILLIAMSBURG CO., SC

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	13	59	1	73	2	16	0	18
FALL KINDERGARTEN WRAT								
MEAN	37.62	34.39	16.00	34.71	43.00	43.13	0.00	43.11
STANDARD DEVIATION	11.58	11.72	0.00	11.81	15.56	7.51	0.00	8.00
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.85	12.90	11.00	13.04	15.50	13.27	0.00	13.53
STANDARD DEVIATION	2.97	1.81	0.00	2.07	3.54	2.60	0.00	2.70
NUMBER	13	59	1	73	2	15	0	17
FAMILY INCOME IN DOLLARS								
MEAN	3100.00	2850.85	2000.00	2883.56	2850.00	2268.75	0.00	2333.33
STANDARD DEVIATION	2438.92	1829.30	0.00	1925.42	1909.19	775.22	0.00	883.18
MEDIAN	2000.00	1975.00	2000.00	1981.25	2850.00	2125.00	0.00	2100.00
NUMBER	13	59	1	73	2	16	0	18
FAMILY INCOME GE 9999								
PERCENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHILDS ETHNICITY								
PERCENT WHITE	0.00	1.69	0.00	1.37	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	98.31	100.00	98.63	100.00	100.00	0.00	100.00
CHILDS SEX								
PERCENT FEMALE	61.54	52.54	0.00	53.42	100.00	62.50	0.00	66.67
ENTRY AGE IN MONTHS								
MEAN	65.93	64.34	61.57	64.59	61.51	65.83	0.00	65.35
STANDARD DEVIATION	4.85	4.02	0.00	4.18	9.37	10.40	0.00	10.12
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	0.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	9.42	10.24	7.95	10.03	10.95	10.92	0.00	10.93
STANDARD DEVIATION	3.80	3.15	0.00	3.26	0.00	2.26	0.00	2.16
NUMBER	12	46	1	59	1	12	0	13
PERCENT HS GRAD	16.67	26.09	0.00	23.73	0.00	33.33	0.00	30.77
FEMALE HEADED HOUSEHOLD								
PERCENT	15.38	18.64	0.00	17.81	0.00	12.50	0.00	11.11
NUMBER	13	59	1	73	2	16	0	18
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	17.81	100.00	0.00	0.00	11.11
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	80.82	0.00	100.00	0.00	88.89
PERCENT NO PRESCHOOL	0.00	0.00	100.00	1.37	0.00	0.00	0.00	0.00

Table F16-(7)-IIIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	79	157	21	257	16	83	32	131
WORD KNOWLEDGE								
MEAN	23.41	21.01	18.19	21.52	20.31	28.36	29.81	27.73
STANDARD DEVIATION	9.12	9.03	9.20	9.16	11.75	12.96	11.58	12.73
SPELLING								
MEAN	19.10	14.61	11.38	15.73	18.06	20.81	22.91	20.98
STANDARD DEVIATION	13.05	10.98	11.01	11.86	13.85	13.08	11.52	12.79
LANGUAGE								
MEAN	28.27	23.41	25.00	25.03	15.75	21.63	25.00	21.73
STANDARD DEVIATION	11.65	9.52	11.21	10.55	8.74	11.55	10.37	11.21
RAVENS								
MEAN	25.14	22.25	23.24	23.22	20.50	23.59	24.84	23.52
STANDARD DEVIATION	8.36	7.74	8.30	8.05	8.16	8.95	7.13	8.48
READING								
MEAN	15.07	16.42	16.14	15.92	16.12	19.51	20.94	19.44
STANDARD DEVIATION	4.80	4.05	3.60	4.25	6.21	4.50	4.51	4.89
MATH CONCEPTS								
MEAN	19.06	16.57	15.29	17.23	18.06	22.35	22.87	21.71
STANDARD DEVIATION	6.96	6.23	7.14	6.63	8.05	10.22	8.61	9.77
MATH COMPUTATIONS								
MEAN	20.68	18.28	15.48	18.79	17.44	20.90	22.69	20.92
STANDARD DEVIATION	7.25	7.18	5.48	7.21	7.75	9.11	7.90	8.74
MATH PROBLEM SOLVING								
MEAN	17.27	14.38	13.43	15.19	14.12	17.81	18.69	17.57
STANDARD DEVIATION	7.14	6.15	5.52	6.55	5.07	7.98	7.88	7.73
COOPERSMITH								
MEAN	35.35	35.08	33.71	35.06	36.12	36.54	35.19	36.16
STANDARD DEVIATION	6.90	7.02	7.02	6.97	8.62	7.03	7.96	7.43
IARS(-)								
MEAN	10.14	10.41	10.29	10.32	9.43	10.44	10.91	10.47
STANDARD DEVIATION	2.49	2.57	2.51	2.54	1.82	2.72	2.33	2.54
IARS(+)								
MEAN	13.11	13.18	12.43	13.10	12.44	12.58	13.62	12.82
STANDARD DEVIATION	2.55	2.53	2.77	2.56	3.01	3.35	1.81	3.02
TOTAL READING								
MEAN	42.47	37.58	33.48	38.75	36.37	50.71	52.69	49.44
STANDARD DEVIATION	15.40	14.25	15.24	14.89	19.19	22.60	19.47	21.91
TOTAL MATH								
MEAN	63.09	54.91	52.14	57.20	52.06	62.30	66.22	62.01
STANDARD DEVIATION	21.41	19.21	17.72	20.13	19.25	24.74	21.41	23.55
LANGUAGE PART A								
MEAN	9.77	9.04	9.19	9.28	7.13	8.61	9.78	8.72
STANDARD DEVIATION	3.09	3.36	3.25	3.46	3.79	4.05	3.07	3.85
LANGUAGE PART B								
MEAN	18.49	14.36	15.81	15.75	8.63	13.01	15.22	13.02
STANDARD DEVIATION	8.57	7.50	8.55	8.12	6.05	8.30	8.17	8.20

Table F17-(7)-IIIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN DAYTON, OH

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	20	90	16	126	12	21	7	40
WORD KNOWLEDGE								
MEAN	25.55	21.56	18.25	21.77	20.33	21.48	23.00	21.40
STANDARD DEVIATION	11.15	10.20	9.38	10.36	11.72	11.81	13.37	11.77
SPELLING								
MEAN	20.85	14.07	11.06	14.76	19.58	20.43	24.43	20.87
STANDARD DEVIATION	14.17	11.11	11.07	11.88	14.42	12.50	13.30	13.00
LANGUAGE								
MEAN	29.35	25.06	24.56	25.67	16.08	11.90	17.29	14.10
STANDARD DEVIATION	12.03	10.29	11.13	10.72	8.68	5.96	7.04	7.26
RAVENS								
MEAN	26.65	24.28	24.06	24.63	19.50	21.29	21.86	20.85
STANDARD DEVIATION	7.68	7.78	8.25	7.81	9.04	7.63	8.95	8.13
READING								
MEAN	17.35	16.37	16.94	16.60	16.75	17.24	19.86	17.55
STANDARD DEVIATION	4.52	4.37	2.93	4.23	5.29	4.35	6.15	4.96
MATH CONCEPTS								
MEAN	20.90	17.68	15.56	17.87	15.83	16.57	16.86	16.40
STANDARD DEVIATION	6.74	6.95	7.91	7.12	8.03	6.75	7.86	7.16
MATH COMPUTATIONS								
MEAN	23.05	19.86	15.56	19.82	16.92	15.14	19.00	16.35
STANDARD DEVIATION	7.59	7.47	6.09	7.53	8.08	5.54	8.08	6.81
MATH PROBLEM SOLVING								
MEAN	18.10	15.70	13.06	15.75	13.42	12.57	15.29	13.30
STANDARD DEVIATION	5.95	6.48	6.05	6.44	5.11	4.79	6.47	5.16
COOPERSMITH								
MEAN	36.50	34.22	33.13	34.44	37.83	35.13	35.57	36.12
STANDARD DEVIATION	6.96	7.60	7.13	7.45	8.89	4.36	9.09	6.79
TAPS(-)								
MEAN	9.90	10.40	10.56	10.34	9.42	9.81	10.00	9.72
STANDARD DEVIATION	2.95	2.88	2.39	2.76	1.08	2.50	1.73	2.20
TAPS(+)								
MEAN	14.25	13.49	13.19	13.57	13.00	11.67	13.29	12.35
STANDARD DEVIATION	1.10	2.29	2.54	2.19	2.59	2.61	2.87	2.68
TOTAL READING								
MEAN	46.15	39.23	33.81	39.64	36.17	38.05	39.86	37.80
STANDARD DEVIATION	17.51	16.22	16.46	16.67	18.95	18.09	20.80	18.36
TOTAL MATH								
MEAN	67.80	59.83	52.69	60.19	49.83	49.00	56.14	50.50
STANDARD DEVIATION	20.19	19.92	18.94	20.10	20.47	17.04	22.05	18.68
LANGUAGE PART A								
MEAN	10.80	9.77	9.31	9.87	7.58	6.29	8.14	6.97
STANDARD DEVIATION	3.52	3.35	3.22	3.36	3.58	2.94	2.79	3.13
LANGUAGE PART B								
MEAN	18.55	15.29	15.19	15.79	8.58	5.62	9.14	7.13
STANDARD DEVIATION	9.05	8.13	8.56	8.35	6.29	3.85	4.67	4.97

Table F17-(7)-IIIEF (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-FF PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN TUPELO, MS

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	46	8	4	58	2	46	25	73
WORD KNOWLEDGE								
MEAN	22.83	22.75	21.00	22.67	32.00	36.65	31.72	34.84
STANDARD DEVIATION	8.68	9.74	8.04	8.65	2.83	7.98	10.56	9.09
SPELLING								
MEAN	18.72	13.75	15.50	17.81	24.00	26.80	22.48	25.25
STANDARD DEVIATION	12.80	10.17	11.33	12.34	5.66	9.65	11.24	10.25
LANGUAGE								
MEAN	28.72	28.75	30.00	28.81	22.00	29.91	27.16	28.75
STANDARD DEVIATION	11.59	8.89	11.63	11.09	9.90	7.94	10.22	8.87
RAVENS								
MEAN	25.30	20.25	22.75	24.59	26.50	28.83	25.68	27.68
STANDARD DEVIATION	8.49	9.39	8.54	8.65	2.12	5.45	6.50	5.92
READING								
MEAN	15.59	17.25	14.00	15.71	19.50	21.87	21.24	21.59
STANDARD DEVIATION	5.10	3.81	5.29	4.93	3.54	3.46	4.04	3.65
MATH CONCEPTS								
MEAN	19.63	19.12	14.75	19.22	24.50	29.11	24.56	27.42
STANDARD DEVIATION	7.11	5.06	4.92	6.77	3.54	7.39	8.18	7.84
MATH COMPUTATIONS								
MEAN	20.57	16.00	16.50	19.66	25.50	27.52	23.72	26.16
STANDARD DEVIATION	7.12	6.19	1.91	6.94	.71	5.21	7.70	6.32
MATH PROBLEM SOLVING								
MEAN	17.61	14.25	15.75	17.02	19.00	23.07	19.64	21.78
STANDARD DEVIATION	7.40	5.31	2.87	7.02	5.66	6.06	8.09	6.91
COOPERSMITH								
MEAN	34.46	34.25	38.50	34.71	33.00	38.91	35.38	37.44
STANDARD DEVIATION	6.59	6.30	3.32	6.39	4.24	7.27	7.82	7.59
IARS(-)								
MEAN	10.41	10.87	10.50	10.48	11.00	11.33	11.16	11.24
STANDARD DEVIATION	2.08	2.85	1.91	2.15	1.41	2.70	2.44	2.57
IARS(+)								
MEAN	12.85	13.37	10.50	12.76	14.00	14.65	13.72	14.32
STANDARD DEVIATION	2.49	2.45	2.08	2.51	0.00	1.64	1.46	1.61
TOTAL READING								
MEAN	42.93	41.88	35.75	41.90	56.50	65.76	56.28	62.26
STANDARD DEVIATION	15.22	14.59	10.78	14.77	6.36	14.53	17.89	16.14
TOTAL MATH								
MEAN	63.67	50.50	55.00	61.26	71.00	79.41	69.04	75.63
STANDARD DEVIATION	21.55	18.55	12.36	20.99	7.07	14.75	20.79	17.48
LANGUAGE PART A								
MEAN	9.80	8.38	10.00	9.62	10.00	11.28	10.24	10.89
STANDARD DEVIATION	3.47	2.92	2.94	3.36	1.41	2.33	3.03	2.60
LANGUAGE PART B								
MEAN	18.91	20.37	20.00	19.19	12.00	18.63	16.92	17.86
STANDARD DEVIATION	8.75	6.72	8.98	8.40	8.49	6.67	8.19	7.27

Table F17-(7)-IIIEF (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN WILLIAMSBURG CO., SC

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	13	59	1	73	2	16	0	18
WORD KNOWLEDGE								
MEAN	22.23	19.95	6.00	20.16	8.50	13.56	0.00	13.00
STANDARD DEVIATION	7.13	6.81	0.00	7.03	.71	5.55	0.00	5.47
SPELLING								
MEAN	17.77	15.56	0.00	15.74	3.00	4.06	0.00	3.94
STANDARD DEVIATION	12.91	11.00	0.00	11.38	2.83	6.13	0.00	5.81
LANGUAGE								
MEAN	25.00	20.17	13.00	20.93	7.50	10.56	0.00	10.22
STANDARD DEVIATION	11.34	7.29	0.00	8.34	2.12	4.44	0.00	4.32
RAVENS								
MEAN	21.54	19.44	12.00	19.71	20.50	11.50	0.00	12.56
STANDARD DEVIATION	8.47	6.56	0.00	6.92	3.54	5.01	0.00	5.59
READING								
MEAN	13.38	15.32	12.00	14.93	9.00	15.69	0.00	14.94
STANDARD DEVIATION	3.04	3.50	0.00	3.47	11.31	3.11	0.00	4.56
MATH CONCEPTS								
MEAN	14.69	14.53	13.00	14.53	9.00	10.50	0.00	10.33
STANDARD DEVIATION	5.20	4.49	0.00	4.56	2.83	3.08	0.00	3.01
MATH COMPUTATIONS								
MEAN	17.46	16.19	10.00	16.33	12.50	9.44	0.00	9.78
STANDARD DEVIATION	6.39	6.29	0.00	6.28	.71	3.22	0.00	3.19
MATH PROBLEM SOLVING								
MEAN	14.77	12.37	10.00	12.77	13.50	9.56	0.00	10.00
STANDARD DEVIATION	7.03	5.20	0.00	5.70	3.54	3.46	0.00	3.60
COOPERSMITH								
MEAN	36.77	36.53	24.00	36.40	29.00	31.31	0.00	31.06
STANDARD DEVIATION	7.90	5.98	0.00	6.43	8.49	6.13	0.00	6.16
TARS(-)								
MEAN	9.54	10.37	5.00	10.15	9.50	8.81	0.00	8.89
STANDARD DEVIATION	3.07	2.20	0.00	2.44	.71	2.07	0.00	1.97
TARS(+)								
MEAN	12.31	12.69	8.00	12.56	7.50	7.81	0.00	7.78
STANDARD DEVIATION	3.58	2.85	0.00	3.02	2.12	2.40	0.00	2.32
TOTAL READING								
MEAN	36.92	34.47	19.00	34.70	17.50	24.06	0.00	23.33
STANDARD DEVIATION	11.93	10.01	0.00	10.34	3.54	6.81	0.00	6.79
TOTAL MATH								
MEAN	53.77	48.00	32.00	48.81	46.50	30.56	0.00	32.33
STANDARD DEVIATION	21.51	15.92	0.00	17.03	7.78	9.28	0.00	10.30
LANGUAGE PART A								
MEAN	8.08	8.03	4.00	7.99	2.00	4.00	0.00	3.78
STANDARD DEVIATION	4.33	3.19	0.00	3.40	1.41	3.12	0.00	3.02
LANGUAGE PART B								
MEAN	16.92	12.14	9.00	12.95	5.50	6.56	0.00	6.44
STANDARD DEVIATION	7.58	5.78	0.00	6.33	.71	2.39	0.00	2.28

Table F11-(7)-IIEF

SUMMARY OF EFFECTS FOR DIRECT INSTRUCTION MODEL IN COHORT II-EF, BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS: PBLA[a]			ANALYSIS: PBPA[b]		
	PRESCHOOL CATEGORY	Head Start	Some Preschool	No Preschool	Head Start	Some Preschool	No Preschool
BASIC SKILLS	Word Knowledge	+			+		
	Spelling				+		
	Language	+			+	+	
	Math Computations	+			+		-
COGNITIVE CONCEPTUAL SKILLS	Raven's				-		
	Reading				+		-
	Math Concepts	+			+		
	Math Problem Solving				+		-
AFFECTIVE MEASURES	Coopersmith	+			+		
	IARS(-)						-
	IARS(+)			+			
	Total Reading				+		
	Total Math	+			+		-
	Language Part A	+			+	+	
	Language Part B	+			+	+	+

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:	
+	FT-favoring effect
-	NFT-favoring effect
blank	Null effect
▨	Sample size of less than 30 children in FT and/or NFT

Table F12-(7)-IIEF

SUMMARY OF EFFECTS IN COHORT II-EF SITES IN THE DIRECT INSTRUCTION MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE														
	E. St. Louis, IL					Tupelo, MS					Williamsburg Co., SC				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge				▨	+	−		▨	▨ −		+	+	+	+	+
Spelling				▨					▨	+	+			+	+
Language	+	+	+	+	+			▨	▨	+	+	+	+	+	+
Math Computations	+	+	+	+	+			▨	▨ −	−	+			+	+
Raven's				−		−		▨	▨ −	−					+
Reading				▨		−		▨	▨ −		+			+	+
Math Concepts	+	+	+	+	+	−		▨	▨ −			+	+	+	+
Math Problem Solving	+	+	+	+	+	−		−	▨ −	−	+			+	+
Coopersmith				+	+			▨		+	+			+	+
IARS (-)				▨					−		+				+
IARS (+)				+							+	+	+	+	+
Total Reading				▨	+	−		▨	▨ −		+		+	+	+
Total Math	+		+	+	+	−		▨	▨	−	+			+	+
Language Part A	+	+	+	+	+			▨	▨ −		+	+	+	+	+
Language Part B	+	+	+	+	+			▨	▨	+	+	+	+	+	+

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(7)-IIEF

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT II-EF CHILDREN IN THE DIRECT INSTRUCTION MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPU-LATION	SITES							
		All[a]		E. St. Louis, IL		Tupelo, MS		Williamsburg Co., SC	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT
TOTAL READING									
Third Grade Median	61.0	52.3	54.1	53.8	53.5	53.0	72.8	50.0	36.0
Median Percentile	50	22	28	28	28	24	82	16	2
Grade Equivalent	3.5	2.6	2.8	2.8	2.8	2.7	4.9	2.4	1.6
% 1 Year or More Below Grade Level	20	49	50	39	47	46	4	62	100
TOTAL MATHEMATICS									
Third Grade Median	70.5	63.1	63.2	68.0	58.4	62.4	82.8	59.0	48.5
Median Percentile	50	26	26	40	14	23	84	16	4
Grade Equivalent	3.8	3.2	3.2	3.6	2.8	3.1	5.1	2.9	2.1
% 1 Year or More Below Grade Level	12	26	45	11	47	28	0	38	88
SPELLING									
Third Grade Median	64.0	56.3	56.6	58.8	60.0	56.0	69.3	54.0	40.5
Median Percentile	50	26	30	36	38	26	66	22	4
Grade Equivalent	3.6	2.8	2.9	3.0	3.1	2.8	4.3	2.6	1.6
% 1 Year or More Below Grade Level	22	42	36	28	27	44	7	54	75
LANGUAGE									
Third Grade Median	70.0	69.1	60.1	72.2	52.5	71.2	78.8	64.0	49.0
Median Percentile	30	48	26	56	10	52	76	34	7
Grade Equivalent	4.0	3.9	3.0	4.3	2.3	4.1	5.3	3.3	2.0
% 1 Year or More Below Grade Level	14	26	58	13	73	28	2	38	100

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[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(7)-IIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	102	17	9	128	17	33	18	68
FALL KINDERGARTEN WRAT								
MEAN	38.08	43.88	20.67	37.62	38.35	44.15	38.56	41.22
STANDARD DEVIATION	14.96	12.80	10.49	15.21	15.12	9.47	11.56	11.82
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.10	14.43	13.00	13.21	15.47	16.69	14.61	15.42
STANDARD DEVIATION	1.66	2.51	.71	1.70	2.65	1.82	2.17	2.30
NUMBER	61	7	9	77	17	32	18	67
FAMILY INCOME IN DOLLARS								
MEAN	3516.06	4857.00	3187.50	3603.83	4156.19	8302.48	6529.24	6840.58
STANDARD DEVIATION	2353.69	3236.43	1791.60	2395.46	2987.17	2579.42	2568.92	3125.43
MEDIAN	2821.43	2666.67	2250.00	2785.71	2750.00	9791.08	6375.00	7249.50
NUMBER	62	7	8	77	16	33	17	66
FAMILY INCOME GE 9999								
PERCENT	6.45	14.29	-0.00	6.49	6.25	54.55	17.65	33.33
CHILDS ETHNICITY								
PERCENT WHITE	1.96	0.00	0.00	1.56	23.53	93.94	55.56	66.18
PERCENT BLACK	98.04	100.00	100.00	98.44	76.47	6.06	44.44	33.82
CHILDS SEX								
PERCENT FEMALE	56.86	41.18	33.33	53.13	58.82	42.42	50.00	48.53
ENTRY AGE IN MONTHS								
MEAN	64.55	65.37	66.68	64.81	66.67	64.36	64.92	65.08
STANDARD DEVIATION	3.87	5.00	6.06	4.21	7.29	3.87	4.45	5.15
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.76	13.85	6.81	10.68	11.04	13.86	12.30	12.80
STANDARD DEVIATION	2.67	1.59	2.82	3.00	3.33	2.51	2.47	2.91
NUMBER	60	7	7	74	15	33	17	65
PERCENT HS GRAD	36.67	85.71	0.00	37.84	40.00	84.85	58.82	67.69
FEMALE HEADED HOUSEHOLD								
PERCENT	67.19	28.57	33.33	60.00	35.29	12.12	23.53	20.90
NUMBER	64	7	9	80	17	33	17	67
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	79.69	100.00	0.00	0.00	25.00
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	13.28	0.00	100.00	0.00	48.53
PERCENT NO PRESCHOOL	0.00	0.00	100.00	7.03	0.00	0.00	100.00	26.47

Table F15-(7)-IIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN E. ST. LOUIS, IL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	62	13	1	76	7	0	8	15
FALL KINDERGARTEN WRAT								
MEAN	44.71	48.92	32.00	45.26	47.14	0.00	45.37	46.20
STANDARD DEVIATION	12.68	9.38	0.00	12.24	13.25	0.00	9.74	11.11
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.16	14.20	13.00	13.32	13.86	0.00	14.50	14.20
STANDARD DEVIATION	1.60	2.68	0.00	1.78	2.67	0.00	2.62	2.57
NUMBER	25	5	1	31	7	0	8	15
FAMILY INCOME IN DOLLARS								
MEAN	4124.89	4799.80	3500.00	4205.76	4499.83	0.00	6312.25	5535.50
STANDARD DEVIATION	2668.59	3545.76	0.00	2724.82	3130.14	0.00	3239.36	3207.03
MEDIAN	3250.00	2625.00	3500.00	3250.00	3250.00	0.00	4250.00	4250.00
NUMBER	28	5	1	34	6	0	8	14
FAMILY INCOME GE 9999								
PERCENT	10.71	20.00	-0.00	11.76	16.67	-0.00	25.00	21.43
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	100.00	100.00	100.00	0.00	100.00	100.00
CHILDS SEX								
PERCENT FEMALE	61.29	46.15	0.00	57.89	42.86	0.00	75.00	60.00
ENTRY AGE IN MONTHS								
MEAN	64.83	65.40	69.09	64.98	69.67	0.00	64.57	66.95
STANDARD DEVIATION	3.71	5.24	0.00	3.98	9.69	0.00	5.54	7.60
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	0.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	12.06	14.20	5.45	12.19	12.26	0.00	13.23	12.78
STANDARD DEVIATION	2.16	1.10	0.00	2.47	2.77	0.00	2.27	2.48
NUMBER	25	5	1	31	7	0	8	15
PERCENT HS GRAD	52.00	100.00	0.00	58.06	57.14	0.00	62.50	60.00
FEMALE HEADED HOUSEHOLD								
PERCENT	71.43	40.00	100.00	67.65	71.43	0.00	50.00	60.00
NUMBER	28	5	1	34	7	0	8	15
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	81.58	100.00	0.00	0.00	46.67
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	17.11	0.00	0.00	0.00	0.00
PERCENT NO PRESCHOOL	0.00	0.00	100.00	1.32	0.00	0.00	100.00	53.33

Table F15-(7)-IIEF (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-FF PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN TUPELO, MS

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	29	2	8	39	4	31	10	45
FALL KINDERGARTEN WRAT								
MEAN	27.86	29.50	19.25	26.18	41.75	45.29	33.10	42.27
STANDARD DEVIATION	13.23	.71	10.25	12.70	13.45	8.58	10.21	11.46
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.81	15.00	13.00	12.97	14.50	16.77	14.70	16.09
STANDARD DEVIATION	1.11	2.83	.76	1.21	1.73	1.74	1.89	2.00
NUMBER	27	2	8	37	4	30	10	44
FAMILY INCOME IN DOLLARS								
MEAN	3000.00	5000.00	3142.86	3147.06	6250.00	8644.58	6722.11	8033.66
STANDARD DEVIATION	1493.64	3535.53	1930.33	1703.51	2783.88	2225.22	1851.71	2353.25
MEDIAN	2666.67	5000.00	2166.67	2625.00	6750.00	9818.81	6375.00	9264.50
NUMBER	25	2	7	34	4	31	9	44
FAMILY INCOME GE 9999								
PERCENT	-0.00	-0.00	-0.00	-0.00	-0.00	58.06	11.11	43.18
CHILDS ETHNICITY								
PERCENT WHITE	6.90	0.00	0.00	5.13	100.00	100.00	100.00	100.00
PERCENT BLACK	93.10	100.00	100.00	94.87	0.00	0.00	0.00	0.00
CHILDS SEX								
PERCENT FEMALE	55.17	50.00	37.50	51.28	75.00	45.16	30.00	44.44
ENTRY AGE IN MONTHS								
MEAN	64.24	63.48	66.38	64.64	61.73	64.13	65.20	64.30
STANDARD DEVIATION	3.80	7.47	6.41	4.53	3.09	3.90	3.65	3.81
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	9.56	12.97	7.04	9.31	11.97	14.22	11.48	13.46
STANDARD DEVIATION	2.75	2.86	3.02	3.03	1.18	1.09	2.47	2.33
NUMBER	26	2	6	34	4	31	9	44
PERCENT HS GRAD	23.08	50.00	0.00	20.59	50.00	90.32	55.56	79.55
FEMALE HEADED HOUSEHOLD								
PERCENT	70.37	0.00	25.00	56.76	25.00	12.90	0.00	11.36
NUMBER	27	2	8	37	4	31	9	44
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	74.36	100.00	0.00	0.00	8.89
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	5.13	0.00	100.00	0.00	68.89
PERCENT NO PRESCHOOL	0.00	0.00	100.00	20.51	0.00	0.00	100.00	22.22

Table F15-(7)-IIEF (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN WILLIAMSBURG CO., SC

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	11	2	0	13	6	2	0	8
FALL KINDERGARTEN WRAT								
MEAN	27.64	25.50	0.00	27.31	25.83	26.50	0.00	26.00
STANDARD DEVIATION	9.74	12.02	0.00	9.58	10.34	.71	0.00	8.75
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.78	0.00	0.00	13.78	18.00	15.50	0.00	17.37
STANDARD DEVIATION	2.86	0.00	0.00	2.86	0.00	3.54	0.00	1.77
NUMBER	9	0	0	9	6	2	0	8
FAMILY INCOME IN DOLLARS								
MEAN	3055.44	0.00	0.00	3055.44	2416.67	3000.00	0.00	2562.50
STANDARD DEVIATION	3025.07	0.00	0.00	3025.07	2245.37	2121.32	0.00	2077.73
MEDIAN	1600.00	0.00	0.00	1600.00	2050.00	3000.00	0.00	1916.67
NUMBER	9	0	0	9	6	2	0	8
FAMILY INCOME GE 9999								
PERCENT	11.11	-0.00	-0.00	11.11	-0.00	-0.00	-0.00	-0.00
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	0.00	100.00	100.00	100.00	0.00	100.00
CHILDS SEX								
PERCENT FEMALE	36.36	0.00	0.00	30.77	66.67	0.00	0.00	50.00
ENTRY AGE IN MONTHS								
MEAN	63.77	67.08	0.00	64.28	66.46	64.73	0.00	66.02
STANDARD DEVIATION	5.05	1.59	0.00	4.79	5.44	4.66	0.00	4.99
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	0.00	100.00	100.00	100.00	0.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.63	0.00	0.00	10.63	7.96	8.20	0.00	8.04
STANDARD DEVIATION	2.20	0.00	0.00	2.20	4.22	3.89	0.00	3.70
NUMBER	9	0	0	9	4	2	0	6
PERCENT HS GRAD	33.33	0.00	0.00	33.33	0.00	0.00	0.00	0.00
FEMALE HEADED HOUSEHOLD								
PERCENT	44.44	0.00	0.00	44.44	0.00	0.00	0.00	0.00
NUMBER	9	0	0	9	6	2	0	8
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	84.62	100.00	0.00	0.00	75.00
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	15.38	0.00	100.00	0.00	25.00
PERCENT NO PRESCHOOL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table F16-(7)-IIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	102	17	9	128	17	33	18	68
WORD KNOWLEDGE								
MEAN	20.99	22.65	15.67	20.84	18.24	37.48	29.89	30.66
STANDARD DEVIATION	7.87	10.72	5.34	8.24	10.23	10.39	12.04	13.25
SPELLING								
MEAN	18.25	16.18	10.44	17.42	14.06	29.15	23.67	23.91
STANDARD DEVIATION	12.27	12.18	7.28	12.08	12.16	9.36	11.45	12.20
LANGUAGE								
MEAN	27.59	27.41	22.11	27.18	16.41	33.70	21.67	26.19
STANDARD DEVIATION	9.88	10.79	9.05	9.97	11.05	9.61	10.11	12.52
RAVENS								
MEAN	21.39	22.20	17.56	21.24	17.41	29.55	22.78	24.72
STANDARD DEVIATION	6.94	7.70	3.43	6.90	8.05	7.42	8.19	9.21
READING								
MEAN	15.57	16.76	13.33	15.57	17.29	23.61	20.11	21.10
STANDARD DEVIATION	4.81	4.48	3.71	4.73	5.34	4.16	4.50	5.22
MATH CONCEPTS								
MEAN	16.17	18.53	13.33	16.28	15.18	29.48	23.17	24.24
STANDARD DEVIATION	5.81	7.32	4.39	6.01	8.26	9.50	11.11	11.20
MATH COMPUTATIONS								
MEAN	18.51	19.41	14.33	18.34	14.41	27.97	21.11	22.76
STANDARD DEVIATION	6.87	8.04	3.20	6.90	7.71	8.27	8.51	9.85
MATH PROBLEM SOLVING								
MEAN	14.74	15.94	11.44	14.66	12.47	24.67	16.28	19.93
STANDARD DEVIATION	6.52	7.26	3.43	6.49	7.35	7.11	7.71	8.83
COOPERSMITH								
MEAN	36.97	37.65	37.44	37.09	33.06	37.00	36.28	35.82
STANDARD DEVIATION	6.13	7.82	5.59	6.30	8.66	6.40	5.41	6.90
IARS(-)								
MEAN	9.42	9.76	9.11	9.45	9.59	11.97	11.67	11.29
STANDARD DEVIATION	2.98	2.41	1.69	2.83	3.26	3.17	1.88	3.04
IARS(+)								
MEAN	13.13	12.82	13.11	13.09	12.41	14.06	14.00	13.63
STANDARD DEVIATION	2.16	2.35	1.83	2.16	2.62	2.22	1.75	2.30
TOTAL READING								
MEAN	37.16	41.18	29.39	37.12	33.41	66.97	53.06	54.90
STANDARD DEVIATION	12.8[illegible]	17.37	8.63	13.41	18.09	19.22	22.08	23.83
TOTAL MATH								
MEAN	54.64	57.65	43.33	54.24	44.29	82.18	62.17	67.41
STANDARD DEVIATION	18.64	20.36	7.97	18.51	21.81	21.43	23.29	26.83
LANGUAGE PART A								
MEAN	9.1[illegible]	9.47	6.89	8.99	6.65	11.52	9.83	9.85
STANDARD DEVIATION	3.44	3.12	1.96	3.35	4.14	2.91	3.28	3.85
LANGUAGE PART B								
MEAN	18.49	17.94	15.22	18.19	5.74	22.18	11.83	16.34
STANDARD DEVIATION	7.23	8.59	8.15	7.46	7.66	7.17	7.26	9.23

Table F17-(7)-IIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-FI PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN E. ST. LOUIS, IL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	62	13	1	76	7	0	8	15
WORD KNOWLEDGE								
MEAN	21.31	24.77	14.00	21.89	15.71	0.00	26.25	21.33
STANDARD DEVIATION	8.03	10.83	0.00	8.59	4.82	0.00	11.86	10.47
SPELLING								
MEAN	19.32	18.77	13.00	19.14	13.71	0.00	23.87	19.13
STANDARD DEVIATION	12.19	12.39	0.00	12.08	12.11	0.00	8.84	11.38
LANGUAGE								
MEAN	28.26	31.62	11.00	28.61	11.57	0.00	14.87	13.33
STANDARD DEVIATION	9.45	7.96	0.00	9.41	5.03	0.00	6.20	5.74
RAVENS								
MEAN	22.69	24.62	15.00	22.92	14.00	0.00	16.25	15.20
STANDARD DEVIATION	7.56	6.69	0.00	7.42	4.83	0.00	5.09	4.93
READING								
MEAN	16.27	17.69	13.00	16.47	18.43	0.00	17.37	17.87
STANDARD DEVIATION	4.4[illegible]	3.66	0.00	4.28	4.76	0.00	4.84	4.66
MATH CONCEPTS								
MEAN	16.26	20.77	18.00	17.05	12.57	0.00	19.12	16.07
STANDARD DEVIATION	5.49	6.88	0.00	5.92	5.41	0.00	10.74	9.04
MATH COMPUTATIONS								
MEAN	20.15	22.38	16.00	20.47	13.43	0.00	17.62	15.67
STANDARD DEVIATION	6.86	6.60	0.00	6.80	4.43	0.00	8.67	7.12
MATH PROBLEM SOLVING								
MEAN	15.97	17.38	11.00	16.14	9.00	0.00	13.87	11.60
STANDARD DEVIATION	7.06	7.72	0.00	7.12	3.83	0.00	6.08	5.58
COOPERSMITH								
MEAN	36.89	38.85	39.00	37.25	32.00	0.00	34.50	33.33
STANDARD DEVIATION	6.61	8.30	0.00	6.86	8.29	0.00	6.26	7.12
IARS(-)								
MEAN	9.4[illegible]	9.92	8.00	9.47	8.14	0.00	11.37	9.87
STANDARD DEVIATION	2.9[illegible]	2.63	0.00	2.83	2.12	0.00	2.00	2.59
IARS(+)								
MEAN	13.26	13.08	15.00	13.25	12.57	0.00	13.75	13.20
STANDARD DEVIATION	2.06	2.06	0.00	2.05	2.15	0.00	2.25	2.21
TOTAL READING								
MEAN	37.56	45.54	32.00	38.86	28.29	0.00	45.37	37.40
STANDARD DEVIATION	14.68	17.26	0.00	13.72	9.34	0.00	20.54	18.[illegible]6
TOTAL MATH								
MEAN	58.81	64.38	42.00	59.54	36.43	0.00	47.75	42.47
STANDARD DEVIATION	19.91	18.16	0.00	19.59	11.[illegible]	0.00	18.80	16.22
LANGUAGE PART A								
MEAN	9.44	10.62	5.00	9.58	4.86	0.00	8.13	6.60
STANDARD DEVIATION	3.39	2.14	0.00	3.25	2.67	0.00	2.30	2.92
LANGUAGE PART B								
MEAN	18.82	21.00	6.00	19.03	6.71	0.00	6.75	6.73
STANDARD DEVIATION	7.1[illegible]	7.18	0.00	7.22	3.82	0.00	4.71	4.17

Table F17-(7)-IIEF (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN TUPELO, MS

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	29	2	8	39	4	31	10	45
WORD KNOWLEDGE								
MEAN	21.14	20.50	15.87	20.03	33.25	39.68	32.80	37.58
STANDARD DEVIATION	8.64	9.19	5.67	7.77	8.88	5.75	11.39	8.21
SPELLING								
MEAN	17.28	13.50	10.12	15.62	23.50	30.94	23.50	28.62
STANDARD DEVIATION	13.25	4.95	7.72	12.23	12.20	6.24	13.66	9.34
LANGUAGE								
MEAN	27.17	19.00	23.50	26.00	33.25	35.52	27.10	33.44
STANDARD DEVIATION	11.68	1.41	8.59	10.44	8.88	6.47	9.45	8.[illegible]2
RAVENS								
MEAN	20.55	19.00	17.87	19.92	29.00	30.74	28.00	29.98
STANDARD DEVIATION	5.42	1.41	3.48	5.00	7.83	5.84	6.18	6.05
READING								
MEAN	14.62	14.00	13.37	14.33	22.00	24.35	22.30	23.69
STANDARD DEVIATION	5.12	8.49	3.96	4.94	3.92	2.97	2.83	3.12
MATH CONCEPTS								
MEAN	16.72	12.50	12.75	15.69	26.75	31.10	26.40	29.67
STANDARD DEVIATION	6.89	2.12	4.30	6.45	6.55	7.19	10.83	6.20
MATH COMPUTATIONS								
MEAN	16.24	12.00	14.12	15.59	24.00	29.61	23.90	27.84
STANDARD DEVIATION	6.52	1.41	3.36	5.91	5.06	5.18	7.68	6.56
MATH PROBLEM SOLVING								
MEAN	13.10	11.00	11.50	12.67	23.00	25.87	21.80	24.71
STANDARD DEVIATION	5.37	2.83	3.66	4.95	6.27	5.40	7.25	6.04
COOPERSMITH								
MEAN	36.66	36.50	37.25	36.77	37.00	37.35	37.70	37.40
STANDARD DEVIATION	5.47	6.36	5.95	5.45	11.22	6.34	4.45	6.13
IARS(-)								
MEAN	9.93	10.00	9.25	9.79	12.75	12.42	11.90	12.33
STANDARD DEVIATION	3.29	1.41	1.75	2.95	.50	2.68	1.85	2.38
IARS(+)								
MEAN	12.97	13.50	12.87	12.97	15.00	14.52	14.20	14.49
STANDARD DEVIATION	2.28	4.95	1.81	2.25	1.15	1.21	1.32	1.22
TOTAL READING								
MEAN	37.86	33.00	28.62	35.72	60.00	70.77	59.20	67.24
STANDARD DEVIATION	14.34	7.07	9.15	13.52	15.81	12.13	22.32	15.73
TOTAL MATH								
MEAN	49.90	42.00	43.50	48.18	76.00	86.23	73.70	82.53
STANDARD DEVIATION	15.39	0.00	8.50	14.03	21.90	14.53	20.22	17.[illegible]8
LANGUAGE PART A								
MEAN	8.69	8.00	7.13	8.33	12.50	12.13	11.20	11.96
STANDARD DEVIATION	3.63	1.41	1.96	3.30	1.73	1.59	3.39	2.11
LANGUAGE PART B								
MEAN	18.48	11.00	16.37	17.67	20.75	23.39	15.90	21.49
STANDARD DEVIATION	7.89	2.83	7.89	7.79	7.59	5.49	6.40	6.52

Table F17-(7)-IIEF (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-FF PRESCHOOL SAMPLE
FOR DIRECT INSTRUCTION MODEL IN WILLIAMSBURG CO., SC

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	11	2	0	13	6	2	0	8
WORD KNOWLEDGE								
MEAN	18.82	11.00	0.00	17.62	11.17	3.50	0.00	9.25
STANDARD DEVIATION	6.72	2.83	0.00	6.85	3.19	.71	0.00	4.46
SPELLING								
MEAN	14.73	2.00	0.00	12.77	8.00	1.50	0.00	6.38
STANDARD DEVIATION	9.97	1.41	0.00	10.29	9.55	2.12	0.00	8.65
LANGUAGE								
MEAN	24.91	8.50	0.00	22.38	10.83	5.50	0.00	9.50
STANDARD DEVIATION	9.33	3.54	0.00	10.56	4.07	2.12	0.00	4.28
RAVENS								
MEAN	16.27	10.50	0.00	15.38	13.67	11.00	0.00	13.00
STANDARD DEVIATION	3.8[illegible]	6.36	0.00	4.48	1.37	2.83	0.00	2.00
READING								
MEAN	14.09	13.50	0.00	14.00	12.83	12.00	0.00	12.62
STANDARD DEVIATION	5.87	6.36	0.00	5.67	3.37	1.41	0.00	2.92
MATH CONCEPTS								
MEAN	14.18	10.00	0.00	13.54	10.50	4.50	0.00	9.00
STANDARD DEVIATION	4.35	0.00	0.00	4.27	3.39	2.12	0.00	4.17
MATH COMPUTATIONS								
MEAN	15.27	7.50	0.00	14.08	9.17	2.50	0.00	7.50
STANDARD DEVIATION	5.27	.71	0.00	5.63	3.66	.71	0.00	4.84
MATH PROBLEM SOLVING								
MEAN	12.09	11.50	0.00	12.00	9.50	6.00	0.00	8.63
STANDARD DEVIATION	4.32	2.12	0.00	4.00	3.96	1.41	0.00	3.74
COOPERSMITH								
MEAN	38.27	31.00	0.00	37.15	31.67	31.50	0.00	31.62
STANDARD DEVIATION	5.27	1.41	0.00	5.55	8.12	6.36	0.00	7.27
TAPS(-)								
MEAN	8.18	8.50	0.00	8.23	9.17	5.00	0.00	8.13
STANDARD DEVIATION	2.32	2.12	0.00	2.20	4.17	1.41	0.00	4.15
TAPS(+)								
MEAN	12.82	10.50	0.00	12.46	10.50	7.00	0.00	9.63
STANDARD DEVIATION	2.56	.71	0.00	2.50	2.43	2.83	0.00	2.83
TOTAL READING								
MEAN	33.00	21.00	0.00	31.15	21.67	8.00	0.00	18.25
STANDARD DEVIATION	8.77	2.83	0.00	9.23	4.93	1.41	0.00	7.59
TOTAL MATH								
MEAN	43.64	29.50	0.00	41.46	32.33	19.50	0.00	29.12
STANDARD DEVIATION	11.11	3.54	0.00	11.49	4.93	.71	0.00	7.26
LANGUAGE PART A								
MEAN	8.27	3.50	0.00	7.54	4.83	2.00	0.00	4.13
STANDARD DEVIATION	3.32	2.12	0.00	3.57	2.93	1.41	0.00	2.85
LANGUAGE PART B								
MEAN	16.64	5.00	0.00	14.85	6.00	3.50	0.00	5.38
STANDARD DEVIATION	6.44	1.41	0.00	7.34	3.[illegible]3	.71	0.00	2.83

Table F11-(8)-IIK

SUMMARY OF EFFECTS
FOR BEHAVIOR ANALYSIS MODEL IN COHORT II-K, BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS: PBLA[a]			ANALYSIS: PBPA[b]		
PRESCHOOL CATEGORY		Head Start	Some Preschool	No Preschool	Head Start	Some Preschool	No Preschool
BASIC SKILLS	Word Knowledge	-			-		
	Spelling	-			-		
	Language	-			-		
	Math Computations						
COGNITIVE CONCEPTUAL SKILLS	Raven's	-			-		-
	Reading	-			-		
	Math Concepts	-			-		
	Math Problem Solving	-			-		
AFFECTIVE MEASURES	Coopersmith						
	IARS(-)						
	IARS(+)						
	Total Reading	-			-		
	Total Math	-			-		
	Language Part A	-			-		
	Language Part B	-			-	-	

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Sample size of less than 30 children in FT and/or NFT

Table F12-(8)-IIK

SUMMARY OF EFFECTS IN COHORT II-K SITES IN THE BEHAVIOR ANALYSIS MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE																								
	New York, NY					Philadelphia, PA					Portageville, MO					Kansas City, MO					Louisville, KY				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge	-	-	-	-						+		-	-	-	-				-	-					
Spelling	-	-	-	-	-					-		-	-	-	-					-					-
Language	-		-	-	-		-	-	-			-	-		-				-	-					
Math Computations		-	-							+									-					+	+
Raven's					-	-	-	-	-	-					-				-	-					
Reading	-	-	-	-						+		-	-		-				-						
Math Concepts		-	-	-								-	-	-	-		-	-	-	-				-	-
Math Problem Solving		-	-	-					-			-	-	-	-				-	-					
Coopersmith				+	+					+		-		-						+					+
IARS (-)					+					+				-					-	-				+	+
IARS (+)										+				-	-										
Total Reading	-		-	-						+			-	-	+				-	-					
Total Math			-	-									-	-	-				-	-					
Language Part A		-		-						+									-						
Language Part B		-	-	-	-		-	-	-			-	-		-					-					

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(8)-IIK

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT II-K CHILDREN IN THE BEHAVIOR ANALYSIS MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPU-LATION	SITES											
		All[a]		New York, NY		Philadelphia, PA		Portageville, MO		Kansas City, MO		Louisville, KY	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT
TOTAL READING													
Third Grade Median	61.0	55.9	58.0	58.5	61.4	52.5	54.4	62.4	64.8	54.2	58.2	52.0	51.0
Median Percentile	50	34	40	40	50	22	28	54	64	28	40	22	20
Grade Equivalent	3.5	3.0	3.2	3.2	3.5	2.6	2.8	3.6	3.9	2.8	3.2	2.6	2.5
% 1 Year or More Below Grade Level	20	35	32	36	23	46	47	7	3	37	32	49	53
TOTAL MATHEMATICS													
Third Grade Median	70.5	63.0	65.5	68.2	68.8	57.0	61.5	72.3	74.5	57.5	64.0	60.1	58.5
Median Percentile	50	26	34	40	44	12	23	56	62	14	28	18	14
Grade Equivalent	3.8	3.2	3.4	3.6	3.6	2.7	3.1	3.9	4.1	2.8	3.2	3.0	2.8
% 1 Year or More Below Grade Level	12	38	30	31	20	52	40	11	6	54	36	43	48
SPELLING													
Third Grade Median	64.0	62.8	63.8	66.0	66.8	61.4	62.5	67.1	71.0	62.8	65.0	56.7	53.8
Median Percentile	50	48	50	58	60	40	44	60	72	48	54	30	22
Grade Equivalent	3.6	3.5	3.6	3.9	4.1	3.3	3.4	4.1	4.6	3.5	3.7	2.9	2.6
% 1 Year or More Below Grade Level	22	29	25	28	19	33	32	9	3	31	18	43	53
LANGUAGE													
Third Grade Median	70.0	58.6	59.3	59.5	59.3	54.4	55.8	67.0	69.8	55.8	56.5	56.4	55.2
Median Percentile	50	23	23	26	23	12	18	42	50	18	18	18	14
Grade Equivalent	4.0	2.9	2.9	3.0	2.9	2.4	2.6	3.6	4.0	2.6	2.6	2.6	2.5
% 1 Year or More Below Grade Level	14	63	54	61	56	78	66	31	20	73	59	72	67

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[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(8)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BEHAVIOR ANALYSIS MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	172	43	72	287	113	120	99	332
FALL KINDERGARTEN WRAT								
MEAN	32.45	31.12	24.83	30.34	29.45	34.28	24.60	29.75
STANDARD DEVIATION	14.11	14.01	11.48	13.82	15.54	15.15	13.16	15.20
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.21	13.16	13.45	13.27	13.92	14.33	13.99	14.05
STANDARD DEVIATION	1.93	1.95	2.08	1.97	2.03	2.19	1.98	2.05
NUMBER	137	37	69	243	84	64	95	243
FAMILY INCOME IN DOLLARS								
MEAN	4014.35	4472.17	4357.07	4179.54	4609.68	5749.91	5661.18	5324.18
STANDARD DEVIATION	2404.55	2560.41	2477.48	2446.10	2606.85	2514.87	2813.97	2704.97
MEDIAN	3624.75	4050.00	4250.00	3904.95	4450.10	5166.33	5166.33	5029.35
NUMBER	139	36	70	245	82	64	93	239
FAMILY INCOME GE 9999								
PERCENT	4.32	5.56	7.14	5.31	7.32	9.38	10.75	9.21
CHILDS ETHNICITY								
PERCENT WHITE	6.98	0.00	19.44	9.06	1.77	4.17	17.17	7.23
PERCENT BLACK	92.12	100.00	79.17	88.85	90.27	75.83	75.76	80.72
CHILDS SEX								
PERCENT FEMALE	55.23	51.16	59.72	55.75	45.13	49.17	48.48	47.59
ENTRY AGE IN MONTHS								
MEAN	66.52	66.67	66.95	66.65	67.21	66.85	67.54	67.18
STANDARD DEVIATION	4.10	4.33	4.02	4.10	3.70	4.05	3.07	3.66
PRIMARY LANGUAGE								
PERCENT ENGLISH	98.26	100.00	98.61	98.61	92.92	81.51	95.96	89.73
MOTHERS EDUCATION IN YEARS								
MEAN	11.37	11.99	11.32	11.44	11.34	12.15	11.56	11.64
STANDARD DEVIATION	2.36	1.75	2.17	2.24	2.20	2.58	1.96	2.24
NUMBER	132	30	66	228	79	63	88	230
PERCENT HS GRAD	41.67	53.33	36.36	41.67	45.57	63.49	43.18	49.57
FEMALE HEADED HOUSEHOLD								
PERCENT	47.52	48.65	49.30	48.19	44.71	36.76	41.05	41.13
NUMBER	141	37	71	249	85	68	95	248
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	59.93	100.00	0.00	0.00	34.04
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	14.98	0.00	100.00	0.00	36.14
PERCENT NO PRESCHOOL	0.00	0.00	100.00	25.09	0.00	0.00	100.00	29.82

Table F15-(8)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BEHAVIOR ANALYSIS MODEL IN NEW YORK, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	32	1	3	36	47	89	17	153
FALL KINDERGARTEN WRAT								
MEAN	44.22	44.00	38.33	43.72	35.32	36.28	25.41	34.78
STANDARD DEVIATION	13.48	0.00	21.22	13.76	17.30	15.15	6.97	15.48
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.67	12.00	14.33	13.68	14.78	14.03	14.06	14.31
STANDARD DEVIATION	2.25	0.00	2.08	2.20	2.17	1.98	2.33	2.13
NUMBER	30	1	3	34	32	38	17	87
FAMILY INCOME IN DOLLARS								
MEAN	4549.97	4000.00	4500.00	4529.38	5328.03	5934.13	4941.12	5517.16
STANDARD DEVIATION	2386.49	0.00	2179.45	2302.57	2737.30	2557.77	2269.79	2574.84
MEDIAN	4583.17	4000.00	5500.00	4583.17	5749.50	5249.50	4375.00	5312.87
NUMBER	30	1	3	34	32	38	17	87
FAMILY INCOME OF 9999								
PERCENT	3.33	0.00	0.00	2.94	9.38	7.09	5.88	8.05
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	84.38	100.00	66.67	83.33	85.11	73.03	82.35	77.78
CHILDS SEX								
PERCENT FEMALE	59.38	100.00	100.00	63.89	46.81	51.69	35.29	48.37
ENTRY AGE IN MONTHS								
MEAN	66.20	71.97	64.68	66.24	66.30	66.58	68.24	66.68
STANDARD DEVIATION	4.15	0.00	2.77	4.10	3.57	3.70	2.95	3.61
PRIMARY LANGUAGE								
PERCENT ENGLISH	90.63	100.00	66.67	88.89	87.23	75.00	88.24	80.26
MOTHERS EDUCATION IN YEARS								
MEAN	11.45	10.95	12.30	11.52	11.55	12.38	11.60	11.92
STANDARD DEVIATION	2.65	0.00	2.34	2.55	2.22	2.82	1.88	2.46
NUMBER	27	1	3	31	33	38	16	87
PERCENT HS GRAD	37.04	0.00	33.33	35.48	48.48	68.42	43.75	56.32
FEMALE HEADED HOUSEHOLD								
PERCENT	30.00	0.00	33.33	29.41	48.48	35.00	47.06	42.22
NUMBER	30	1	3	34	33	40	17	90
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	88.89	100.00	0.00	0.00	30.72
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	2.78	0.00	100.00	0.00	58.17
PERCENT NO PRESCHOOL	0.00	0.00	100.00	8.33	0.00	0.00	100.00	11.11

Table F15-(8)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BEHAVIOR ANALYSIS MODEL IN PHILADELPHIA, PA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	16	30	33	79	9	20	33	62
FALL KINDERGARTEN WRAT								
MEAN	28.37	30.13	22.30	26.51	32.22	31.20	25.48	28.31
STANDARD DEVIATION	11.59	14.32	8.88	12.15	14.28	15.77	14.74	15.08
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.20	13.17	12.91	13.05	0.00	14.87	13.62	14.07
STANDARD DEVIATION	1.55	2.10	1.53	1.74	0.00	2.58	1.45	1.99
NUMBER	10	24	32	66	0	16	29	45
FAMILY INCOME IN DOLLARS								
MEAN	5550.00	4934.74	4406.22	4769.20	0.00	5133.27	4944.41	5011.86
STANDARD DEVIATION	2127.20	2541.85	2076.81	2262.18	0.00	2158.43	2399.17	2291.15
MEDIAN	5750.00	5125.00	4550.00	4906.44	0.00	4875.00	4800.40	4821.79
NUMBER	10	23	32	65	0	15	27	42
FAMILY INCOME GE 9999								
PERCENT	0.00	4.35	3.13	3.08	0.00	6.67	3.70	4.76
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	100.00	100.00	77.78	100.00	87.88	90.32
CHILDS SEX								
PERCENT FEMALE	31.25	43.33	51.52	44.30	33.33	40.00	45.45	41.94
ENTRY AGE IN MONTHS								
MEAN	62.40	65.28	65.03	64.60	67.11	66.33	66.75	66.66
STANDARD DEVIATION	4.45	4.11	3.25	3.96	2.27	3.20	2.93	2.90
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	77.78	100.00	93.94	93.55
MOTHERS EDUCATION IN YEARS								
MEAN	11.75	12.31	10.60	11.29	0.00	12.44	11.24	11.68
STANDARD DEVIATION	1.06	1.39	2.41	2.11	0.00	1.39	2.01	1.89
NUMBER	8	18	31	57	0	16	29	45
PERCENT HS GRAD	37.50	55.56	32.26	40.35	0.00	62.50	37.93	46.67
FEMALE HEADED HOUSEHOLD								
PERCENT	50.00	37.50	57.58	49.25	0.00	52.94	44.83	47.83
NUMBER	10	24	33	67	0	17	29	46
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	20.25	100.00	0.00	0.00	14.52
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	37.97	0.00	100.00	0.00	32.26
PERCENT NO PRESCHOOL	0.00	0.00	100.00	41.77	0.00	0.00	100.00	53.23

Table F15-(8)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BEHAVIOR ANALYSIS MODEL IN PORTAGEVILLE, MO

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	31	0	14	45	11	6	18	35
FALL KINDERGARTEN WRAT								
MEAN	42.10	0.00	27.64	37.60	24.73	27.00	30.89	28.29
STANDARD DEVIATION	12.11	0.00	10.39	13.33	15.01	3.74	14.34	13.38
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.00	0.00	15.00	13.67	12.55	14.40	15.56	14.41
STANDARD DEVIATION	2.13	0.00	2.88	2.55	1.13	2.07	2.06	2.23
NUMBER	28	0	14	42	11	5	18	34
FAMILY INCOME IN DOLLARS								
MEAN	3716.57	0.00	5964.07	4431.68	2727.27	5833.00	6361.00	5128.46
STANDARD DEVIATION	2486.54	0.00	3078.56	2855.96	1928.26	3696.39	3109.65	3270.33
MEDIAN	2750.00	0.00	6750.00	3850.00	1700.00	3750.00	6500.00	4875.25
NUMBER	30	0	14	44	11	6	18	35
FAMILY INCOME GE 9999								
PERCENT	10.00	0.00	21.43	13.64	0.00	33.33	11.11	11.43
CHILDS ETHNICITY								
PERCENT WHITE	38.71	0.00	100.00	57.78	18.18	83.33	94.44	68.57
PERCENT BLACK	61.29	0.00	0.00	42.22	81.82	16.67	5.56	31.43
CHILDS SEX								
PERCENT FEMALE	70.97	0.00	57.14	66.67	27.27	33.33	44.44	37.14
ENTRY AGE IN MONTHS								
MEAN	69.00	0.00	69.80	69.25	70.74	72.32	68.30	69.75
STANDARD DEVIATION	3.32	0.00	4.04	3.53	3.34	8.00	3.03	4.46
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	0.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.14	0.00	12.60	10.92	9.84	9.06	11.78	10.75
STANDARD DEVIATION	3.11	0.00	2.31	3.08	1.91	2.94	1.78	2.27
NUMBER	28	0	13	41	9	5	16	30
PERCENT HS GRAD	32.14	0.00	61.54	41.46	11.11	20.00	37.50	26.67
FEMALE HEADED HOUSEHOLD								
PERCENT	30.00	0.00	0.00	20.45	36.36	33.33	11.11	22.86
NUMBER	30	0	14	44	11	6	18	35
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	68.89	100.00	0.00	0.00	31.43
PERCENT SOME PRESCHOOL	0.00	0.00	0.00	0.00	0.00	100.00	0.00	17.14
PERCENT NO PRESCHOOL	0.00	0.00	100.00	31.11	0.00	0.00	100.00	51.43

Table F15-(8)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BEHAVIOR ANALYSIS MODEL IN KANSAS CITY, MO

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	28	10	14	52	10	0	12	22
FALL KINDERGARTEN WRAT								
MEAN	30.07	33.50	28.21	30.23	35.90	0.00	21.75	28.18
STANDARD DEVIATION	10.55	14.97	12.24	11.83	8.43	0.00	10.06	11.64
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.96	13.40	13.54	13.21	13.89	0.00	13.00	13.38
STANDARD DEVIATION	1.43	1.90	1.81	1.62	2.57	0.00	1.54	2.04
NUMBER	25	10	13	48	9	0	12	21
FAMILY INCOME IN DOLLARS								
MEAN	4541.58	4049.90	3499.92	4148.85	4666.56	0.00	4541.67	4595.19
STANDARD DEVIATION	2497.27	2639.72	2406.36	2488.72	2597.82	0.00	2791.69	2643.85
MEDIAN	3916.67	3750.00	3000.00	3700.00	4375.00	0.00	3250.00	4000.00
NUMBER	24	10	13	47	9	0	12	21
FAMILY INCOME GE 9999								
PERCENT	8.33	10.00	7.69	8.51	11.11	0.00	0.00	4.76
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	100.00	100.00	100.00	0.00	100.00	100.00
CHILDS SEX								
PERCENT FEMALE	50.00	[illegible]	85.71	61.54	60.00	0.00	66.67	63.64
ENTRY AGE IN MONTHS								
MEAN	[illegible]	[illegible]	68.50	67.93	68.57	0.00	67.42	67.96
STANDARD DEVIATION	[illegible]	[illegible]	3.98	3.72	4.11	0.00	3.07	3.54
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	0.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.31	11.42	11.46	11.48	11.29	0.00	11.62	11.47
STANDARD DEVIATION	1.63	2.33	.93	1.72	2.57	0.00	2.56	2.49
NUMBER	25	10	12	47	8	0	10	18
PERCENT HS GRAD	44.00	50.00	25.00	40.43	50.00	0.00	50.00	50.00
FEMALE HEADED HOUSEHOLD								
PERCENT	48.00	80.00	84.62	64.58	55.56	0.00	58.33	57.14
NUMBER	25	10	13	48	9	0	12	21
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	53.85	100.00	0.00	0.00	45.45
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	19.23	0.00	0.00	0.00	0.00
PERCENT NO PRESCHOOL	0.00	0.00	100.00	26.92	0.00	0.00	100.00	54.55

Table F15-(8)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BEHAVIOR ANALYSIS MODEL IN LOUISVILLE, KY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	65	2	8	75	36	5	19	60
FALL KINDERGARTEN WRAT								
MEAN	24.09	27.50	19.38	23.68	20.75	19.80	18.16	19.85
STANDARD DEVIATION	10.25	.71	13.67	10.54	10.27	10.28	12.92	11.05
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.18	12.50	12.29	13.04	13.53	14.80	13.63	13.68
STANDARD DEVIATION	1.91	.71	1.25	1.82	1.61	2.77	1.83	1.80
NUMBER	44	2	7	53	32	5	19	56
FAMILY INCOME IN DOLLARS								
MEAN	3233.33	1500.00	2687.50	3090.91	4516.60	6100.00	7368.11	5666.52
STANDARD DEVIATION	2133.61	0.00	1667.71	2050.50	2429.84	1949.36	2832.25	2836.52
MEDIAN	2142.86	1500.00	2000.00	2055.56	4500.00	5500.00	8624.75	5416.83
NUMBER	45	2	8	55	30	5	19	54
FAMILY INCOME GE 9999								
PERCENT	0.00	0.00	0.00	0.00	6.67	0.00	31.58	14.81
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
CHILDS SEX								
PERCENT FEMALE	53.85	100.00	37.50	53.33	47.22	60.00	57.89	51.67
ENTRY AGE IN MONTHS								
MEAN	66.32	69.70	67.97	66.58	66.98	67.14	67.67	67.29
STANDARD DEVIATION	3.73	1.81	3.50	3.71	3.57	2.98	3.43	3.44
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.96	13.00	11.54	11.93	11.58	12.49	11.80	11.73
STANDARD DEVIATION	1.83	0.00	1.00	1.72	2.08	1.03	1.87	1.93
NUMBER	44	1	7	52	29	4	17	50
PERCENT HS GRAD	50.00	100.00	28.57	48.08	51.72	75.00	52.94	54.00
FEMALE HEADED HOUSEHOLD								
PERCENT	69.57	50.00	50.00	66.07	40.63	0.00	47.37	39.29
NUMBER	46	2	8	56	32	5	19	56
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	86.67	100.00	0.00	0.00	60.00
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	2.67	0.00	100.00	0.00	8.33
PERCENT NO PRESCHOOL	0.00	0.00	100.00	10.67	0.00	0.00	100.00	31.67

Table F16-(8)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BEHAVIOR ANALYSIS MODEL

		FOLLOW THROUGH				NON-FOLLOW THROUGH			
		HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN		172	43	72	287	113	120	99	332
WORD KNOWLEDGE	MEAN	23.22	23.60	23.03	23.23	25.44	27.15	25.19	25.99
	STANDARD DEVIATION	11.92	12.21	9.96	11.28	11.41	11.65	11.94	11.65
SPELLING	MEAN	19.38	20.98	20.40	20.02	21.30	23.64	20.91	22.03
	STANDARD DEVIATION	14.29	13.11	11.79	12.87	13.19	13.07	13.82	13.35
LANGUAGE	MEAN	16.80	16.26	15.87	16.37	18.80	18.92	17.87	18.56
	STANDARD DEVIATION	8.29	8.43	8.57	8.36	8.76	9.87	9.32	9.32
RAVENS	MEAN	19.93	19.00	18.54	19.44	20.47	22.95	19.53	21.08
	STANDARD DEVIATION	8.47	7.16	8.40	8.27	7.94	9.07	8.95	8.76
READING	MEAN	17.72	16.70	17.03	17.39	18.44	18.76	18.76	18.65
	STANDARD DEVIATION	4.88	4.63	5.34	4.96	3.93	4.88	4.99	4.60
MATH CONCEPTS	MEAN	17.96	17.72	17.75	17.87	20.13	21.01	18.91	20.08
	STANDARD DEVIATION	7.81	8.67	8.35	7.93	8.35	9.02	7.83	8.47
MATH COMPUTATIONS	MEAN	16.98	15.16	16.36	16.25	19.14	20.02	18.11	19.15
	STANDARD DEVIATION	7.90	7.93	9.47	8.31	8.52	8.97	8.63	8.72
MATH PROBLEM SOLVING	MEAN	13.85	11.84	13.07	13.36	14.05	16.04	15.09	15.39
	STANDARD DEVIATION	7.23	7.03	8.23	7.47	7.54	8.47	7.88	7.98
COOPERSMITH	MEAN	35.72	37.33	35.65	35.94	35.96	36.42	36.59	36.31
	STANDARD DEVIATION	7.51	7.27	7.58	7.49	7.32	7.59	6.43	7.05
IARS(-)	MEAN	10.33	10.00	10.53	10.33	10.22	10.32	10.38	10.31
	STANDARD DEVIATION	2.93	2.59	2.63	2.50	2.86	3.07	3.07	2.99
IARS(+)	MEAN	15.28	14.93	14.94	15.15	15.78	15.65	15.33	15.60
	STANDARD DEVIATION	2.73	2.97	2.82	2.78	3.31	2.70	3.57	3.18
TOTAL READING	MEAN	41.18	41.33	40.79	41.10	45.58	48.16	44.10	46.07
	STANDARD DEVIATION	18.39	19.83	17.51	18.31	18.84	19.99	18.98	19.32
TOTAL MATH	MEAN	50.62	46.00	47.97	49.05	54.56	59.01	52.73	55.62
	STANDARD DEVIATION	21.93	20.00	24.39	22.11	22.23	24.64	23.66	23.63
LANGUAGE PART A	MEAN	7.38	7.88	7.39	7.46	8.22	8.34	7.73	8.12
	STANDARD DEVIATION	3.70	3.62	3.57	3.65	3.15	3.31	3.38	3.28
LANGUAGE PART B	MEAN	9.22	8.37	8.50	8.91	10.58	10.57	10.14	10.45
	STANDARD DEVIATION	5.82	5.92	6.16	5.91	6.72	7.69	6.93	7.13

Table F17-(8)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BEHAVIOR ANALYSIS MODEL IN NEW YORK, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	32	1	3	36	47	89	17	153
WORD KNOWLEDGE								
MEAN	24.88	16.00	26.67	24.78	28.45	27.91	29.12	28.21
STANDARD DEVIATION	12.49	7.23	12.01	12.20	12.30	10.77	12.32	11.36
SPELLING								
MEAN	22.22	14.00	24.67	22.19	25.49	24.08	25.06	24.62
STANDARD DEVIATION	14.38	7.23	15.28	14.10	13.11	12.91	12.16	12.82
LANGUAGE								
MEAN	17.16	13.00	21.33	17.39	20.36	18.29	17.24	18.81
STANDARD DEVIATION	7.25	7.23	13.65	7.69	9.33	9.13	7.56	9.04
RAVENS								
MEAN	23.22	12.00	30.67	23.53	24.38	24.47	23.47	24.33
STANDARD DEVIATION	9.36	7.23	7.57	9.44	8.13	9.00	9.29	8.72
READING								
MEAN	19.16	17.00	19.33	19.11	18.94	18.96	18.00	18.84
STANDARD DEVIATION	4.72	7.23	4.16	4.57	3.98	4.85	4.86	4.58
MATH CONCEPTS								
MEAN	20.09	17.00	22.00	20.17	23.21	21.49	20.47	21.91
STANDARD DEVIATION	8.16	7.23	14.11	8.44	9.60	8.68	8.68	8.96
MATH COMPUTATIONS								
MEAN	19.28	16.00	24.67	19.64	21.28	20.27	18.71	20.41
STANDARD DEVIATION	8.10	7.23	15.95	8.68	9.71	8.76	8.32	8.99
MATH PROBLEM SOLVING								
MEAN	15.34	9.00	21.33	15.67	16.42	16.39	17.06	16.54
STANDARD DEVIATION	8.05	7.23	12.22	8.88	8.53	8.26	8.04	8.27
COOPERSMITH								
MEAN	38.66	44.00	38.33	38.78	35.51	36.34	38.53	36.33
STANDARD DEVIATION	6.09	7.23	11.72	6.95	6.56	7.67	5.01	7.11
IARS(-)								
MEAN	11.25	10.00	12.67	11.33	10.70	10.52	11.29	10.66
STANDARD DEVIATION	2.29	7.23	3.06	2.32	2.80	3.14	2.95	3.01
IARS(+)								
MEAN	16.59	15.00	17.33	16.61	16.13	15.74	16.71	15.97
STANDARD DEVIATION	2.06	7.23	1.53	2.00	3.53	2.66	2.37	2.93
TOTAL READING								
MEAN	44.97	33.00	48.67	44.94	51.66	49.40	49.59	50.12
STANDARD DEVIATION	19.92	7.23	26.10	19.80	21.29	18.63	20.02	19.52
TOTAL MATH								
MEAN	57.09	37.00	76.67	58.83	62.28	61.13	59.24	61.27
STANDARD DEVIATION	23.31	7.23	35.84	24.40	24.65	24.20	23.88	24.16
LANGUAGE PART A								
MEAN	8.41	9.00	9.00	8.47	8.83	8.20	8.24	8.40
STANDARD DEVIATION	3.55	7.23	5.57	3.61	2.83	3.09	2.80	2.97
LANGUAGE PART B								
MEAN	8.75	4.00	12.33	8.92	11.53	10.09	9.00	10.61
STANDARD DEVIATION	5.06	7.23	8.39	5.33	7.30	7.30	5.96	7.17

Table F17-(8)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BEHAVIOR ANALYSIS MODEL IN PHILADELPHIA, PA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	16	30	33	79	9	20	33	62
WORD KNOWLEDGE								
MEAN	17.75	22.50	19.79	20.41	21.67	22.25	21.36	21.69
STANDARD DEVIATION	10.21	11.98	8.19	10.21	12.80	13.76	11.41	12.20
SPELLING								
MEAN	16.00	20.37	19.58	19.15	20.67	21.75	19.15	20.21
STANDARD DEVIATION	13.62	13.74	12.58	13.17	14.55	13.21	14.02	13.66
LANGUAGE								
MEAN	14.69	15.67	12.27	14.05	18.33	19.05	16.58	17.63
STANDARD DEVIATION	6.26	9.02	6.22	7.49	13.33	11.11	9.33	10.43
RAVENS								
MEAN	17.87	19.33	16.39	17.81	16.44	17.50	17.82	17.52
STANDARD DEVIATION	8.42	7.66	7.39	7.72	10.13	7.77	8.13	8.19
READING								
MEAN	16.12	16.07	14.58	15.46	18.56	17.90	17.88	17.98
STANDARD DEVIATION	4.30	4.80	4.24	4.49	4.07	4.83	4.67	4.58
MATH CONCEPTS								
MEAN	14.31	17.47	15.73	16.10	20.89	18.15	16.64	17.74
STANDARD DEVIATION	6.57	9.11	6.82	7.73	6.68	9.86	6.25	7.67
MATH COMPUTATIONS								
MEAN	14.50	15.20	13.76	14.46	16.22	17.60	16.45	16.79
STANDARD DEVIATION	6.50	8.35	7.97	7.79	9.87	9.94	7.43	8.54
MATH PROBLEM SOLVING								
MEAN	11.62	11.50	10.00	10.90	13.56	13.75	13.42	13.55
STANDARD DEVIATION	5.71	7.53	6.17	6.60	8.68	9.60	6.57	7.82
COOPERSMITH								
MEAN	34.87	38.03	34.94	36.10	32.78	37.30	35.91	35.90
STANDARD DEVIATION	11.81	7.10	6.57	8.10	6.80	8.08	6.91	7.31
TARS(-)								
MEAN	10.56	9.73	10.33	10.15	10.22	9.80	9.91	9.92
STANDARD DEVIATION	2.56	2.86	2.85	2.77	4.68	2.76	3.36	3.35
TARS(+)								
MEAN	14.69	14.43	14.58	14.54	14.89	15.25	14.94	15.03
STANDARD DEVIATION	3.72	3.10	2.15	2.85	5.78	2.86	3.43	3.62
TOTAL READING								
MEAN	32.06	39.97	35.52	36.51	42.56	40.40	38.00	39.44
STANDARD DEVIATION	16.13	20.62	14.06	17.27	18.32	23.23	16.95	19.12
TOTAL MATH								
MEAN	44.00	46.03	40.15	43.16	46.22	48.85	47.70	47.85
STANDARD DEVIATION	18.85	21.29	19.57	20.03	27.58	25.58	20.08	22.71
LANGUAGE PART A								
MEAN	6.25	7.47	6.30	6.73	7.33	8.10	7.24	7.53
STANDARD DEVIATION	2.71	3.71	3.16	3.34	4.66	3.70	3.30	3.60
LANGUAGE PART B								
MEAN	8.44	8.20	5.97	7.32	11.00	10.95	9.33	10.10
STANDARD DEVIATION	5.19	6.22	3.97	5.23	9.45	8.35	7.43	7.94

Table F17-(8)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BEHAVIOR ANALYSIS MODEL IN PORTAGEVILLE, MO

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	31	0	14	45	11	6	18	35
WORD KNOWLEDGE								
MEAN	32.71	0.00	30.00	31.87	30.36	38.67	36.39	34.89
STANDARD DEVIATION	10.25	0.00	9.36	9.96	9.28	8.26	7.57	8.62
SPELLING								
MEAN	27.52	0.00	23.21	26.18	24.27	32.83	31.94	29.69
STANDARD DEVIATION	9.14	0.00	10.06	9.53	10.50	7.49	7.28	9.01
LANGUAGE								
MEAN	24.58	0.00	22.79	24.02	20.45	30.67	28.67	26.43
STANDARD DEVIATION	9.60	0.00	10.56	9.86	9.77	11.33	7.99	9.81
RAVENS								
MEAN	25.78	0.00	22.50	24.76	20.91	26.83	28.50	25.49
STANDARD DEVIATION	7.23	0.00	9.00	7.87	6.71	5.74	4.63	6.36
READING								
MEAN	19.19	0.00	21.36	19.87	15.73	21.33	23.06	20.46
STANDARD DEVIATION	5.39	0.00	3.89	5.03	5.44	4.27	3.00	5.18
MATH CONCEPTS								
MEAN	23.84	0.00	22.14	23.31	20.45	27.67	26.61	24.86
STANDARD DEVIATION	8.21	0.00	8.24	8.16	8.45	9.40	6.91	8.20
MATH COMPUTATIONS								
MEAN	21.90	0.00	22.50	22.09	20.92	28.33	28.00	25.80
STANDARD DEVIATION	8.35	0.00	9.08	8.48	8.10	6.44	7.05	7.87
MATH PROBLEM SOLVING								
MEAN	18.77	0.00	18.21	18.60	16.36	22.83	22.94	20.86
STANDARD DEVIATION	7.23	0.00	8.62	7.60	7.76	5.95	7.83	7.95
COOPERSMITH								
MEAN	35.42	0.00	33.57	34.84	36.91	38.67	38.17	37.86
STANDARD DEVIATION	6.44	0.00	10.23	7.75	4.06	6.86	5.80	5.92
IARS(-)								
MEAN	10.68	0.00	11.00	10.78	11.18	10.67	11.00	11.00
STANDARD DEVIATION	2.37	0.00	2.54	2.40	2.32	2.16	2.38	2.26
IARS(+)								
MEAN	15.81	0.00	15.50	15.71	16.00	16.33	16.89	16.51
STANDARD DEVIATION	2.07	0.00	4.33	2.91	2.97	2.25	1.64	2.20
TOTAL READING								
MEAN	56.55	0.00	52.14	55.18	50.82	66.33	63.00	59.76
STANDARD DEVIATION	17.35	0.00	16.85	17.13	16.41	17.34	13.64	15.98
TOTAL MATH								
MEAN	66.45	0.00	63.21	65.44	58.09	76.00	79.44	72.14
STANDARD DEVIATION	20.00	0.00	24.89	21.78	21.76	16.75	17.74	20.80
LANGUAGE PART A								
MEAN	10.29	0.00	9.36	10.00	8.36	12.83	10.89	10.43
STANDARD DEVIATION	3.12	0.00	3.48	3.23	2.69	1.17	2.59	2.86
LANGUAGE PART B								
MEAN	14.29	0.00	13.43	14.02	12.09	17.83	17.78	16.00
STANDARD DEVIATION	7.39	0.00	8.35	7.62	8.04	10.30	5.90	7.70

Table F17-(8)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BEHAVIOR ANALYSIS MODEL IN KANSAS CITY, MO

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	28	10	14	52	10	0	12	22
WORD KNOWLEDGE								
MEAN	21.00	27.20	25.79	23.48	31.50	0.00	22.42	26.55
STANDARD DEVIATION	9.44	12.90	11.04	10.71	4.33	0.00	12.03	10.26
SPELLING								
MEAN	17.08	22.70	24.29	20.54	28.70	0.00	17.67	22.68
STANDARD DEVIATION	15.01	11.97	9.77	11.93	5.93	0.00	13.12	11.68
LANGUAGE								
MEAN	12.21	18.20	17.21	14.71	20.90	0.00	12.50	16.32
STANDARD DEVIATION	5.78	7.79	7.54	7.11	6.38	0.00	6.10	7.43
RAVENS								
MEAN	14.04	18.90	16.79	16.04	22.70	0.00	13.25	17.55
STANDARD DEVIATION	5.00	6.62	7.62	6.61	4.32	0.00	7.26	7.67
READING								
MEAN	16.14	18.00	18.14	17.04	19.40	0.00	17.92	18.59
STANDARD DEVIATION	4.27	4.57	6.33	4.95	3.10	0.00	5.14	4.31
MATH CONCEPTS								
MEAN	15.01	19.30	18.50	17.10	21.40	0.00	17.92	19.50
STANDARD DEVIATION	5.27	8.35	10.41	7.57	5.80	0.00	7.88	7.08
MATH COMPUTATIONS								
MEAN	13.31	15.30	15.50	14.38	23.00	0.00	13.50	17.82
STANDARD DEVIATION	6.43	8.17	9.84	7.70	3.80	0.00	6.49	7.19
MATH PROBLEM SOLVING								
MEAN	10.04	14.10	13.57	12.10	17.90	0.00	11.33	14.27
STANDARD DEVIATION	5.30	5.90	9.00	6.67	5.92	0.00	4.81	6.17
COOPERSMITH								
MEAN	35.54	35.40	39.07	36.46	41.00	0.00	34.50	37.45
STANDARD DEVIATION	6.07	7.62	6.89	7.06	5.50	0.00	8.06	7.61
TAPS(-)								
MEAN	9.57	10.60	9.79	9.83	10.50	0.00	11.33	10.95
STANDARD DEVIATION	2.74	2.07	1.93	2.41	2.05	0.00	2.06	2.48
TAPS(+)								
MEAN	15.07	16.20	14.86	15.23	15.80	0.00	15.83	15.82
STANDARD DEVIATION	2.80	2.53	2.93	2.78	1.99	0.00	2.37	2.15
TOTAL READING								
MEAN	36.01	46.50	44.20	40.58	52.90	0.00	40.33	46.05
STANDARD DEVIATION	13.01	18.25	20.78	17.00	8.76	0.00	18.47	15.89
TOTAL MATH								
MEAN	38.79	48.70	45.86	42.52	63.50	0.00	38.08	49.64
STANDARD DEVIATION	15.24	19.44	24.44	18.95	11.55	0.00	15.23	18.61
LANGUAGE PART A								
MEAN	5.01	8.60	8.57	6.98	10.10	0.00	6.75	8.27
STANDARD DEVIATION	3.10	3.78	2.41	3.35	2.13	0.00	2.96	3.07
LANGUAGE PART B								
MEAN	6.01	9.60	8.64	7.73	10.90	0.00	5.75	8.05
STANDARD DEVIATION	4.01	5.58	5.98	4.97	5.98	0.00	4.09	5.54

Table F17-(8)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR BEHAVIOR ANALYSIS MODEL IN LOUISVILLE, KY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	65	2	8	75	36	5	19	60
WORD KNOWLEDGE								
MEAN	20.18	26.00	18.00	20.11	19.28	19.40	19.47	19.35
STANDARD DEVIATION	10.45	19.80	8.57	10.43	8.83	9.79	7.76	8.44
SPELLING								
MEAN	16.11	25.00	11.25	15.83	13.33	12.40	11.84	12.60
STANDARD DEVIATION	13.10	18.38	10.11	12.93	11.38	14.43	12.88	11.91
LANGUAGE								
MEAN	14.88	17.00	14.25	14.87	15.78	15.40	13.84	15.13
STANDARD DEVIATION	6.91	4.24	5.23	6.66	6.17	9.40	5.27	6.15
RAVENS								
MEAN	18.31	18.00	19.00	18.37	15.61	15.40	14.42	15.22
STANDARD DEVIATION	7.47	1.41	8.28	7.40	4.83	8.02	5.90	5.40
READING								
MEAN	17.38	19.50	16.75	17.37	18.33	15.60	17.42	17.82
STANDARD DEVIATION	4.79	.71	5.37	4.77	3.33	5.59	5.32	4.24
MATH CONCEPTS								
MEAN	16.02	14.00	15.50	15.91	15.47	15.80	14.79	15.28
STANDARD DEVIATION	6.34	8.49	6.07	6.27	5.18	6.83	4.95	5.17
MATH COMPUTATIONS								
MEAN	14.28	13.50	14.75	14.31	15.50	15.20	14.00	15.00
STANDARD DEVIATION	6.83	3.54	8.56	6.89	6.04	4.66	6.13	5.92
MATH PROBLEM SOLVING								
MEAN	12.71	7.00	12.75	12.56	11.89	10.80	11.16	11.57
STANDARD DEVIATION	6.28	2.83	7.36	6.34	5.09	4.60	5.94	5.27
COOPERSMITH								
MEAN	34.69	33.00	35.25	34.71	35.64	31.60	35.84	35.37
STANDARD DEVIATION	7.17	9.90	5.04	6.95	7.88	3.05	6.02	7.06
TAPS(-)								
MEAN	9.98	11.00	11.00	10.12	9.22	8.60	9.21	9.17
STANDARD DEVIATION	2.25	1.41	2.73	2.28	2.32	3.85	3.47	2.81
TAPS(+)								
MEAN	14.63	16.00	14.75	14.68	15.47	14.80	13.00	14.63
STANDARD DEVIATION	2.78	2.83	2.12	2.69	2.67	3.56	5.20	3.82
TOTAL READING								
MEAN	36.20	40.00	33.50	36.01	34.75	35.20	34.26	34.63
STANDARD DEVIATION	15.80	28.28	13.53	15.66	13.05	16.45	12.00	12.78
TOTAL MATH								
MEAN	45.29	38.50	46.50	45.24	43.00	41.40	39.58	41.78
STANDARD DEVIATION	18.75	2.12	23.31	19.06	13.29	16.83	16.09	14.34
LANGUAGE PART A								
MEAN	6.54	10.00	5.63	6.53	7.08	6.40	5.74	6.60
STANDARD DEVIATION	3.80	1.41	4.57	3.69	3.16	3.78	2.96	3.15
LANGUAGE PART B								
MEAN	8.34	7.00	8.63	8.33	8.69	9.00	8.11	8.53
STANDARD DEVIATION	4.77	5.66	3.34	4.61	4.55	6.00	3.31	4.26

Table F11-(9)-IIK

SUMMARY OF EFFECTS
FOR COGNITIVE CURRICULUM MODEL IN COHORT II-K,
BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS					
		PBLA[a]			PBPA[b]		
	PRESCHOOL CATEGORY	Head Start	Some Preschool	No Preschool	Head Start	Some Preschool	No Preschool
BASIC SKILLS	Word Knowledge					-	-
	Spelling					-	-
	Language	-			-		-
	Math Computations	-	-	-	-	-	-
COGNITIVE CONCEPTUAL SKILLS	Raven's						
	Reading						-
	Math Concepts	-	-		-	-	-
	Math Problem Solving	-			-		-
AFFECTIVE MEASURES	Coopersmith			-			
	IARS(-)				-		-
	IARS(+)				-		-
	Total Reading						-
	Total Math	-	-		-	-	-
	Language Part A						-
	Language Part B	-			-		-

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:	
+	FT-favoring effect
-	NFT-favoring effect
blank	Null effect
▨	Sample size of less than 30 children in FT and/or NFT

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Table 12-(9)-IIK

SUMMARY OF EFFECTS IN COHORT II-K SITES
IN THE COGNITIVE CURRICULUM MODEL,
BY OUTCOME BY ANALYSIS

OUTCOME	SITE: New York, NY					Okaloosa Co., FL					Chicago, IL				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge	–	–	–	–	–	–		▨	▨ –	–					
Spelling	–		–	–	–	–		▨	▨ –	–					
Language	–	–	–	–	–	–	–	▨	▨ –	–					
Math Computation	–	–	–	–	–	–		▨	▨ –	–				–	
Raven's	–	–	–	–	–	–		▨	▨ +					+	+
Reading	–	–	–	–	–	–		▨	▨				▨		
Math Concepts	–	–	–	–	–	–		▨	▨ –	–			▨	▨	–
Math Problem Solving	–	–	–	–	–	–		▨	▨						–
Coopersmith					+	–			–					+	+
IARS (-)						–	–		–	–					
IARS (+)					+	–	–		–	–					
Total Reading	–		–	–	–	–		▨	▨ –	–			▨		
Total Math	–	–	–	–	–	–		▨	▨ –	–					–
Language Part A		–	–	–		–	–	▨ –	▨ –	–		+	–	+	+
Language Part B	–	–	–	–	–	–		▨	▨ –	–				–	–

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(9)-IIK

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT II-K CHILDREN IN THE COGNITIVE CURRICULUM MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPULATION	SITES							
		All[a]		New York, NY		Chicago, IL		Okaloosa Co., FL	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT
TOTAL READING									
Third Grade Median	61.0	50.4	55.9	53.0	61.4	54.0	48.3	44.2	57.9
Median Percentile	50	16	34	24	50	28	12	7	40
Grade Equivalent	3.5	2.4	3.0	2.7	3.5	2.8	2.3	2.0	3.2
% 1 Year or More Below Grade Level	20	60	40	47	23	47	73	85	24
TOTAL MATHEMATICS									
Third Grade Median	70.5	53.3	62.4	55.7	68.8	54.0	53.2	50.2	65.1
Median Percentile	50	8	23	11	44	9	8	5	32
Grade Equivalent	3.8	2.4	3.1	2.6	3.6	2.4	2.4	2.2	3.3
% 1 Year or More Below Grade Level	12	68	39	57	20	65	73	83	24
SPELLING									
Third Grade Median	64.0	50.7	56.1	56.6	66.8	58.0	40.0	37.4	61.4
Median Percentile	50	16	26	30	60	32	4	1	40
Grade Equivalent	3.6	2.4	2.8	2.9	4.1	3.0	1.6	1.4	3.3
% 1 Year or More Below Grade Level	22	57	41	43	19	41	73	88	32
LANGUAGE									
Third Grade Median	70.0	52.4	59.6	51.2	59.3	56.8	52.7	49.3	66.8
Median Percentile	50	10	26	9	23	20	11	7	42
Grade Equivalent	4.0	2.3	3.0	2.2	2.9	2.7	2.4	2.0	3.6
% 1 Year or More Below Grade Level	14	81	60	85	56	65	93	94	30

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[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(9)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR COGNITIVE CURRICULUM MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	56	35	21	112	60	96	49	205
FALL KINDERGARTEN WRAT								
MEAN	26.52	25.71	16.52	24.39	32.17	35.90	27.06	32.69
STANDARD DEVIATION	12.81	13.34	9.67	12.93	16.76	15.17	11.21	15.18
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.34	13.58	13.00	13.35	14.32	14.38	14.56	14.42
STANDARD DEVIATION	1.67	1.69	1.34	1.62	2.02	2.27	2.11	2.12
NUMBER	50	31	20	101	44	45	48	137
FAMILY INCOME IN DOLLARS								
MEAN	4352.90	3838.71	3738.05	4072.79	4922.13	6399.84	6163.06	5837.98
STANDARD DEVIATION	2328.62	1748.27	1933.87	2090.29	2702.85	2714.65	2784.32	2790.94
MEDIAN	3795.08	3375.00	3500.00	3590.73	5000.00	6375.25	6333.67	5593.56
NUMBER	51	31	21	103	45	45	49	139
FAMILY INCOME GE 9999								
PERCENT	3.92	0.00	4.76	2.91	8.89	15.56	20.41	15.11
CHILDS ETHNICITY								
PERCENT WHITE	3.57	0.00	4.76	2.68	1.67	6.25	51.02	15.61
PERCENT BLACK	96.43	100.00	95.24	97.32	86.67	68.75	42.86	67.80
CHILDS SEX								
PERCENT FEMALE	53.57	51.43	42.86	50.89	46.67	52.08	38.78	47.32
ENTRY AGE IN MONTHS								
MEAN	66.24	66.51	65.62	66.21	66.61	66.58	67.86	66.89
STANDARD DEVIATION	3.84	3.64	3.26	3.66	3.60	3.74	4.01	3.79
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	90.00	76.84	95.92	85.29
MOTHERS EDUCATION IN YEARS								
MEAN	11.30	11.83	10.41	11.26	11.21	12.79	11.74	11.91
STANDARD DEVIATION	2.14	1.77	2.94	2.28	2.42	2.83	2.13	2.56
NUMBER	50	27	21	98	46	45	47	138
PERCENT HS GRAD	38.00	55.56	19.05	38.78	39.13	73.33	53.19	55.07
FEMALE HEADED HOUSEHOLD								
PERCENT	46.30	53.33	42.86	47.62	52.17	31.91	28.57	37.32
NUMBER	54	30	21	105	46	47	49	142
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	50.00	100.00	0.00	0.00	29.27
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	31.25	0.00	100.00	0.00	46.83
PERCENT NO PRESCHOOL	0.00	0.00	100.00	18.75	0.00	0.00	100.00	23.90

Table F15-(9)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR COGNITIVE CURRICULUM MODEL IN NEW YORK, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	16	26	5	47	47	89	17	153
FALL KINDERGARTEN WRAT								
MEAN	34.94	29.19	24.00	30.60	35.32	36.28	25.41	34.78
STANDARD DEVIATION	14.13	13.04	16.31	13.89	17.30	15.15	6.97	15.48
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.36	13.86	14.25	13.72	14.78	14.03	14.06	14.31
STANDARD DEVIATION	1.78	1.86	2.06	1.83	2.17	1.98	2.33	2.13
NUMBER	14	22	4	40	32	38	17	87
FAMILY INCOME IN DOLLARS								
MEAN	5227.18	4272.73	4699.80	4605.21	5328.03	5934.13	4941.12	5517.16
STANDARD DEVIATION	29[illegible]1.25	1797.67	3032.71	2298.99	2737.30	2557.77	2269.79	2574.84
MEDIAN	4000.00	4250.00	3875.00	4050.00	5749.50	5249.50	4375.00	5312.87
NUMBER	11	22	5	38	32	38	17	87
FAMILY INCOME GE 9999								
PERCENT	9.09	0.00	20.00	5.26	9.38	7.89	5.88	8.05
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	100.00	100.00	85.11	73.03	82.35	77.78
CHILDS SEX								
PERCENT FEMALE	56.25	50.00	20.00	48.94	46.81	51.69	35.29	48.37
ENTRY AGE IN MONTHS								
MEAN	66.02	66.26	65.23	66.27	66.30	66.58	68.24	66.68
STANDARD DEVIATION	3.62	4.01	3.55	3.77	3.57	3.70	2.95	3.61
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	87.23	75.00	88.24	80.26
MOTHERS EDUCATION IN YEARS								
MEAN	10.92	12.26	10.76	11.59	11.55	12.38	11.60	11.92
STANDARD DEVIATION	2.26	1.55	1.80	1.93	2.22	2.82	1.88	2.46
NUMBER	12	18	5	35	33	38	16	87
PERCENT HS GRAD	33.33	66.67	20.00	48.57	48.48	68.42	43.75	56.32
FEMALE HEADED HOUSEHOLD								
PERCENT	35.71	61.90	80.00	55.00	48.48	35.00	47.06	42.22
NUMBER	14	21	5	40	33	40	17	90
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	34.04	100.00	0.00	0.00	30.72
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	55.32	0.00	100.00	0.00	58.17
PERCENT NO PRESCHOOL	0.00	0.00	100.00	10.64	0.00	0.00	100.00	11.11

Table F15-(9)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR COGNITIVE CURRICULUM MODEL IN OKALOOSA CO., FL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	23	9	16	48	4	7	26	37
FALL KINDERGARTEN WRAT								
MEAN	19.48	15.67	14.19	17.00	22.75	31.00	30.81	29.97
STANDARD DEVIATION	8.95	8.49	5.42	8.07	8.06	15.75	11.71	12.19
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.91	12.89	12.69	12.83	13.75	16.29	15.19	15.24
STANDARD DEVIATION	1.47	.93	.95	1.21	.50	2.93	1.94	2.13
NUMBER	23	9	16	48	4	7	26	37
FAMILY INCOME IN DOLLARS								
MEAN	3739.13	2777.78	3437.50	3458.33	6374.75	8928.00	7711.19	7796.92
STANDARD DEVIATION	1964.80	1092.91	1459.17	1678.50	2925.76	2206.27	2396.91	2387.28
MEDIAN	3900.00	2833.33	3450.00	3333.33	6250.00	9811.87	8000.00	8833.67
NUMBER	23	9	16	48	4	7	26	37
FAMILY INCOME OF 9999								
PERCENT	0.00	0.00	0.00	0.00	25.00	57.14	34.62	37.84
CHILDS ETHNICITY								
PERCENT WHITE	8.70	0.00	6.25	6.25	25.00	85.71	96.15	86.49
PERCENT BLACK	91.30	100.00	93.75	93.75	75.00	14.29	3.85	13.51
CHILDS SEX								
PERCENT FEMALE	52.17	55.56	50.00	52.08	50.00	57.14	42.31	45.95
ENTRY AGE IN MONTHS								
MEAN	65.12	67.25	65.74	65.72	65.69	66.55	67.75	67.30
STANDARD DEVIATION	3.07	2.29	3.28	3.36	4.04	4.45	4.64	4.49
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.78	10.97	10.31	10.66	11.97	15.00	12.14	12.66
STANDARD DEVIATION	2.08	1.96	3.25	2.48	1.18	1.63	2.19	2.28
NUMBER	22	9	16	47	4	7	26	37
PERCENT HS GRAD	27.27	33.33	18.75	25.53	50.00	100.00	65.38	70.27
FEMALE HEADED HOUSEHOLD								
PERCENT	39.13	33.33	31.25	35.42	0.00	14.29	11.54	10.81
NUMBER	23	9	16	48	4	7	26	37
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	47.92	100.00	0.00	0.00	10.81
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	18.75	0.00	100.00	0.00	18.92
PERCENT NO PRESCHOOL	0.00	0.00	100.00	33.33	0.00	0.00	100.00	70.27

Table F15-(9)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR COGNITIVE CURRICULUM MODEL IN CHICAGO, IL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	17	0	0	17	9	0	6	15
FALL KINDERGARTEN WRAT								
MEAN	28.12	0.00	0.00	28.12	19.89	0.00	15.50	18.13
STANDARD DEVIATION	11.02	0.00	0.00	11.02	7.34	0.00	11.06	8.91
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	14.08	0.00	0.00	14.08	12.75	0.00	13.00	12.85
STANDARD DEVIATION	1.75	0.00	0.00	1.75	.46	0.00	.71	.55
NUMBER	13	0	0	13	8	0	5	13
FAMILY INCOME IN DOLLARS								
MEAN	4617.59	0.00	0.00	4617.59	2833.33	0.00	2916.67	2866.67
STANDARD DEVIATION	2287.93	0.00	0.00	2287.93	1145.64	0.00	1069.49	1076.81
MEDIAN	3562.50	0.00	0.00	3562.50	2812.50	0.00	2583.33	2687.50
NUMBER	17	0	0	17	9	0	6	15
FAMILY INCOME GE 9999								
PERCENT	5.88	0.00	0.00	5.88	0.00	0.00	0.00	0.00
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	0.00	0.00	100.00	100.00	0.00	100.00	100.00
CHILDS SEX								
PERCENT FEMALE	52.94	0.00	0.00	52.94	44.44	0.00	33.33	40.00
ENTRY AGE IN MONTHS								
MEAN	67.42	0.00	0.00	67.42	68.40	0.00	67.29	68.08
STANDARD DEVIATION	4.05	0.00	0.00	4.05	3.26	0.00	4.26	3.61
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	0.00	0.00	100.00	100.00	0.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	12.29	0.00	0.00	12.29	9.42	0.00	10.16	9.81
STANDARD DEVIATION	1.91	0.00	0.00	1.91	3.03	0.00	2.18	2.68
NUMBER	16	0	0	16	9	0	5	14
PERCENT HS GRAD	56.25	0.00	0.00	56.25	0.00	0.00	20.00	7.14
FEMALE HEADED HOUSEHOLD								
PERCENT	64.71	0.00	0.00	64.71	88.89	0.00	50.00	73.33
NUMBER	17	0	0	17	9	0	6	15
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	100.00	100.00	0.00	0.00	60.00
PERCENT SOME PRESCHOOL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT NO PRESCHOOL	0.00	0.00	0.00	0.00	0.00	0.00	100.00	40.00

Table F16-(9)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR COGNITIVE CURRICULUM MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	56	35	21	112	80	96	69	245
WORD KNOWLEDGE								
MEAN	17.50	19.26	14.29	17.43	25.45	27.57	27.53	26.94
STANDARD DEVIATION	10.13	9.21	7.75	9.51	12.41	10.60	11.54	11.37
SPELLING								
MEAN	11.73	13.11	6.55	11.19	21.42	23.48	21.45	22.30
STANDARD DEVIATION	12.02	12.27	10.59	12.27	14.32	12.96	12.85	13.31
LANGUAGE								
MEAN	11.55	12.00	10.38	11.47	19.62	18.45	20.08	19.00
STANDARD DEVIATION	4.80	6.09	4.74	5.21	8.80	9.11	8.81	8.93
RAVENS								
MEAN	14.09	14.20	11.67	13.70	22.40	24.33	20.86	22.93
STANDARD DEVIATION	4.95	7.44	5.26	5.92	8.92	8.87	8.63	8.79
READING								
MEAN	17.34	15.80	15.67	16.60	18.33	18.98	18.82	18.73
STANDARD DEVIATION	3.97	4.96	4.31	4.11	4.14	4.77	5.22	4.64
MATH CONCEPTS								
MEAN	15.30	15.80	12.55	14.96	21.37	21.41	19.63	20.97
STANDARD DEVIATION	6.31	5.69	5.10	6.00	9.32	8.56	8.02	8.64
MATH COMPUTATIONS								
MEAN	13.34	11.03	11.43	12.26	19.42	20.37	18.69	19.49
STANDARD DEVIATION	5.57	6.60	4.31	5.80	9.40	8.76	8.39	8.89
MATH PROBLEM SOLVING								
MEAN	10.98	10.06	8.90	10.05	15.47	16.30	13.43	15.89
STANDARD DEVIATION	4.58	5.04	2.61	4.77	7.07	8.20	7.87	8.03
COOPERSMITH								
MEAN	33.39	34.97	32.30	33.70	34.47	36.66	37.29	36.17
STANDARD DEVIATION	7.32	6.80	6.60	7.06	7.44	7.62	7.78	7.71
IARS(-)								
MEAN	8.86	9.71	8.57	9.07	10.33	10.55	10.73	10.53
STANDARD DEVIATION	2.77	2.80	2.87	2.81	2.97	3.12	2.63	2.93
IARS(+)								
MEAN	14.07	15.80	13.57	14.52	15.72	15.80	16.14	15.86
STANDARD DEVIATION	3.29	2.27	3.50	3.12	3.06	2.60	2.52	3.00
TOTAL READING								
MEAN	32.89	35.00	26.81	32.39	44.82	48.98	47.18	47.91
STANDARD DEVIATION	15.72	14.10	11.40	14.70	21.11	18.36	18.81	19.24
TOTAL MATH								
MEAN	37.91	35.37	32.00	36.01	57.28	61.01	56.96	58.47
STANDARD DEVIATION	13.95	16.86	8.77	13.98	24.10	24.00	23.25	23.87
LANGUAGE PART A								
MEAN	5.89	6.63	4.71	5.86	8.00	8.16	8.39	8.15
STANDARD DEVIATION	3.14	3.06	2.50	3.06	3.15	3.08	3.19	3.11
LANGUAGE PART B								
MEAN	5.75	5.37	5.67	5.62	11.02	10.29	11.76	10.85
STANDARD DEVIATION	3.34	4.07	3.21	3.52	6.62	7.27	6.66	6.96

Table F17-(9)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR COGNITIVE CURRICULUM MODEL IN NEW YORK, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	16	26	5	47	47	89	17	153
WORD KNOWLEDGE								
MEAN	22.44	21.85	20.80	21.94	28.45	27.91	29.12	28.21
STANDARD DEVIATION	11.68	9.21	11.39	10.10	12.30	10.77	12.32	11.36
SPELLING								
MEAN	18.50	17.08	12.40	17.06	25.49	24.08	25.06	24.62
STANDARD DEVIATION	13.81	11.90	16.50	12.83	13.11	12.91	12.16	12.82
LANGUAGE								
MEAN	10.50	11.73	14.00	11.55	20.36	18.29	17.24	18.81
STANDARD DEVIATION	3.93	6.67	6.12	5.79	9.33	9.13	7.56	9.04
RAVENS								
MEAN	15.44	15.46	13.60	15.26	24.38	24.47	23.47	24.33
STANDARD DEVIATION	5.81	8.15	6.88	7.18	8.13	9.00	9.29	8.72
READING								
MEAN	16.44	15.77	15.60	15.98	18.94	18.96	18.00	18.84
STANDARD DEVIATION	3.79	4.44	2.88	4.03	3.98	4.85	4.86	4.58
MATH CONCEPTS								
MEAN	18.62	16.56	15.40	17.13	23.21	21.49	20.47	21.91
STANDARD DEVIATION	7.52	6.08	8.93	6.84	9.60	8.68	8.68	8.96
MATH COMPUTATIONS								
MEAN	15.44	11.69	13.40	13.15	21.28	20.27	18.71	20.41
STANDARD DEVIATION	6.12	7.28	6.23	6.89	9.71	8.76	8.32	8.99
MATH PROBLEM SOLVING								
MEAN	10.87	10.42	10.40	10.57	16.62	16.39	17.06	16.54
STANDARD DEVIATION	5.13	6.75	2.97	5.84	8.53	8.26	8.04	8.27
COOPERSMITH								
MEAN	33.69	36.12	29.20	34.55	35.51	36.34	38.53	36.33
STANDARD DEVIATION	5.99	7.02	9.31	7.13	6.56	7.67	5.01	7.11
IARS(-)								
MEAN	9.69	10.31	9.00	9.96	10.70	10.52	11.29	10.66
STANDARD DEVIATION	2.03	2.74	2.12	2.63	2.80	3.14	2.95	3.01
IARS(+)								
MEAN	15.19	16.31	15.40	15.83	16.13	15.74	16.71	15.97
STANDARD DEVIATION	2.09	2.26	2.19	2.40	3.53	2.66	2.37	2.93
TOTAL READING								
MEAN	41.06	38.38	36.20	39.06	51.66	49.40	49.59	50.12
STANDARD DEVIATION	15.10	14.79	18.49	16.09	21.29	18.63	20.02	19.52
TOTAL MATH								
MEAN	41.75	37.58	37.40	38.98	62.28	61.13	59.24	61.27
STANDARD DEVIATION	15.27	18.67	13.33	16.88	24.45	24.20	23.88	24.16
LANGUAGE PART A								
MEAN	6.25	7.15	7.00	6.83	8.83	8.20	8.24	8.40
STANDARD DEVIATION	3.28	3.20	3.94	3.25	2.83	3.09	2.80	2.97
LANGUAGE PART B								
MEAN	4.25	4.58	7.00	4.72	11.53	10.09	9.00	10.41
STANDARD DEVIATION	2.08	4.01	3.46	3.44	7.30	7.30	5.94	7.17

Table F17-(9)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR COGNITIVE CURRICULUM MODEL IN OKALOOSA CO., FL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	23	9	16	48	4	7	26	37
WORD KNOWLEDGE								
MEAN	12.31	11.56	12.25	12.15	16.00	23.29	29.69	27.00
STANDARD DEVIATION	6.38	2.55	5.13	5.35	4.36	7.52	9.97	10.06
SPELLING								
MEAN	4.78	1.67	4.69	4.17	10.25	15.86	22.15	19.68
STANDARD DEVIATION	7.94	2.35	7.85	7.19	8.62	11.58	11.39	11.65
LANGUAGE								
MEAN	9.01	12.78	9.25	10.08	16.25	20.43	24.00	22.49
STANDARD DEVIATION	3.71	4.24	3.77	3.97	4.72	9.31	8.29	8.42
RAVENS								
MEAN	13.09	10.89	11.06	12.00	15.50	22.57	21.15	20.81
STANDARD DEVIATION	4.00	3.16	4.75	4.22	3.79	7.39	7.89	7.57
READING								
MEAN	17.17	16.22	15.69	16.50	16.75	19.29	20.65	19.97
STANDARD DEVIATION	4.51	2.91	4.74	4.31	2.50	3.95	4.57	4.38
MATH CONCEPTS								
MEAN	11.70	14.00	11.62	12.10	14.25	20.29	20.88	20.05
STANDARD DEVIATION	3.60	4.06	3.32	3.64	4.99	7.43	7.44	7.34
MATH COMPUTATIONS								
MEAN	11.79	9.11	10.81	10.94	14.75	21.71	20.65	20.22
STANDARD DEVIATION	4.63	4.37	3.56	4.28	2.99	9.38	8.24	8.15
MATH PROBLEM SOLVING								
MEAN	9.09	9.00	8.46	8.85	11.25	15.14	15.46	14.95
STANDARD DEVIATION	3.32	2.40	2.39	2.84	2.63	7.97	8.34	7.82
COOPERSMITH								
MEAN	32.57	31.67	33.37	32.67	38.75	40.71	38.46	38.92
STANDARD DEVIATION	8.69	5.50	5.52	7.13	6.13	5.91	7.97	7.34
IARS(-)								
MEAN	8.22	8.00	8.44	8.25	9.25	11.00	10.08	10.70
STANDARD DEVIATION	3.13	2.35	3.12	2.96	4.11	2.94	2.39	2.67
IARS(+)								
MEAN	13.04	14.33	13.00	13.27	15.50	16.57	16.88	16.68
STANDARD DEVIATION	3.67	1.66	3.69	3.38	2.00	1.51	1.14	1.36
TOTAL READING								
MEAN	24.00	25.56	23.87	24.25	30.25	43.57	50.58	47.05
STANDARD DEVIATION	8.99	5.88	6.79	7.67	5.56	14.57	16.65	16.53
TOTAL MATH								
MEAN	33.91	29.00	30.31	31.79	41.50	59.43	57.27	55.97
STANDARD DEVIATION	10.26	7.37	6.51	8.74	7.77	22.91	23.16	22.17
LANGUAGE PART A								
MEAN	4.30	5.11	4.00	4.35	6.75	7.57	9.35	8.73
STANDARD DEVIATION	2.10	2.09	1.59	1.97	.96	3.10	2.78	2.83
LANGUAGE PART B								
MEAN	5.30	7.67	5.25	5.73	9.50	12.86	14.65	13.76
STANDARD DEVIATION	2.75	3.50	3.13	3.11	4.04	6.91	6.54	6.46

Table F17-(9)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR COGNITIVE CURRICULUM MODEL IN CHICAGO, IL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	17	0	0	17	9	0	6	15
WORD KNOWLEDGE								
MEAN	19.88	0.00	0.00	19.88	14.00	0.00	13.67	13.87
STANDARD DEVIATION	9.99	0.00	0.00	9.99	3.04	0.00	5.75	4.55
SPELLING								
MEAN	14.76	0.00	0.00	14.76	5.11	0.00	8.17	6.33
STANDARD DEVIATION	12.52	0.00	0.00	12.52	6.11	0.00	14.29	9.83
LANGUAGE								
MEAN	15.18	0.00	0.00	15.18	13.22	0.00	11.17	12.40
STANDARD DEVIATION	5.03	0.00	0.00	5.03	3.19	0.00	4.02	3.56
RAVENS								
MEAN	14.18	0.00	0.00	14.18	15.11	0.00	12.00	13.87
STANDARD DEVIATION	5.14	0.00	0.00	5.14	6.60	0.00	3.10	5.55
READING								
MEAN	18.59	0.00	0.00	18.59	15.89	0.00	13.17	14.80
STANDARD DEVIATION	3.20	0.00	0.00	3.20	4.78	0.00	4.83	4.83
MATH CONCEPTS								
MEAN	17.06	0.00	0.00	17.06	14.89	0.00	11.83	13.67
STANDARD DEVIATION	5.75	0.00	0.00	5.75	3.06	0.00	4.02	3.68
MATH COMPUTATIONS								
MEAN	13.53	0.00	0.00	13.53	11.78	0.00	10.17	11.13
STANDARD DEVIATION	5.83	0.00	0.00	5.83	3.03	0.00	2.79	2.95
MATH PROBLEM SOLVING								
MEAN	12.00	0.00	0.00	12.00	11.33	0.00	10.67	11.07
STANDARD DEVIATION	5.21	0.00	0.00	5.21	3.43	0.00	1.75	2.81
COOPERSMITH								
MEAN	34.24	0.00	0.00	34.24	27.11	0.00	28.67	27.73
STANDARD DEVIATION	6.69	0.00	0.00	6.69	9.65	0.00	9.03	9.11
IARS(-)								
MEAN	8.94	0.00	0.00	8.94	8.89	0.00	8.67	8.80
STANDARD DEVIATION	2.25	0.00	0.00	2.25	2.37	0.00	1.86	2.11
IARS(+)								
MEAN	14.41	0.00	0.00	14.41	13.67	0.00	11.33	12.73
STANDARD DEVIATION	2.83	0.00	0.00	2.83	5.55	0.00	2.25	4.56
TOTAL READING								
MEAN	36.94	0.00	0.00	36.94	28.89	0.00	25.50	27.53
STANDARD DEVIATION	15.19	0.00	0.00	15.19	5.84	0.00	9.20	7.26
TOTAL MATH								
MEAN	39.71	0.00	0.00	39.71	38.22	0.00	32.83	36.07
STANDARD DEVIATION	14.74	0.00	0.00	14.74	9.27	0.00	3.40	7.66
LANGUAGE PART A								
MEAN	7.41	0.00	0.00	7.41	4.22	0.00	4.17	4.20
STANDARD DEVIATION	3.34	0.00	0.00	3.34	2.44	0.00	2.79	2.48
LANGUAGE PART B								
MEAN	7.76	0.00	0.00	7.76	9.00	0.00	7.00	8.20
STANDARD DEVIATION	4.02	0.00	0.00	4.02	1.94	0.00	1.79	2.08

Table FII-(9)-IIEF

SUMMARY OF EFFECTS
FOR COGNITIVE CURRICULUM MODEL IN COHORT II-EF,
BY OUTCOME BY ANALYSIS BY PRESHCOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS: PBLA[a] Head Start	PBLA[a] * Some Preschool	PBLA[a] No Preschool	PBPA[b] Head Start	PBPA[b] Some Preschool	PBPA[b] No Preschool
BASIC SKILLS	Word Knowledge		▨	▨		▨	▨
	Spelling	+	▨	▨	+	▨	▨
	Language		▨	▨	-	▨	▨
	Math Computations		▨	▨		▨	▨
COGNITIVE CONCEPTUAL SKILLS	Raven's		▨	▨		▨ +	▨
	Reading		▨	▨		▨ +	▨
	Math Concepts		▨	▨		▨ +	▨
	Math Problem Solving		▨	▨		▨ +	▨
AFFECTIVE MEASURES	Coopersmith		▨	▨		▨	▨ -
	IARS(-)		▨	▨		▨	▨ -
	IARS(+)		▨	▨		▨	▨
	Total Reading		▨	▨		▨ +	▨
	Total Math		▨	▨		▨ +	▨
	Language Part A		▨	▨		▨	▨
	Language Part B	-	▨	▨	-	▨	▨

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

* insufficient

Key:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Sample size of less than 30 children in FT and/or NFT

680

Table F12-(9)-IIEF

SUMMARY OF EFFECTS IN COHORT II-EF SITES IN THE COGNITIVE CURRICULUM MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE: Leflore Co., MS ANALYSIS: Local[a]	Local (PS)[b]	PALAC[c]	PAPA[d]	Pooled[e]
Word Knowledge				+	+
Spelling			+	+	+
Language	-				
Math Computations					+
Raven's					
Reading					+
Math Concepts				+	+
Math Problem Solving					+
Coopersmith					
IARS (-)					+
IARS (+)					
Total Reading					+
Total Math					+
Language Part A					
Language Part B	-				+

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

■ Untrustworthy Effect

Table F13-(9)-IIEF

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT II-EF CHILDREN IN THE COGNITIVE CURRICULUM MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPULATION	SITES			
		All[a]		Leflore Co., MS	
		FT	NFT	FT	NFT
TOTAL READING					
Third Grade Median	61.0	49.5	45.7	49.5	45.7
Median Percentile	50	16	9	16	9
Grade Equivalent	3.5	2.4	2.2	2.4	2.2
% 1 Year or More Below Grade Level	20	60	71	60	71
TOTAL MATHEMATICS					
Third Grade Median	70.5	55.5	57.0	55.5	57.0
Median Percentile	50	11	12	11	12
Grade Equivalent	3.8	2.6	2.7	2.6	2.7
% 1 Year or More Below Grade Level	12	54	53	54	53
SPELLING					
Third Grade Median	64.0	56.1	52.0	56.1	52.0
Median Percentile	50	26	18	26	18
Grade Equivalent	3.6	2.8	2.5	2.8	2.5
% 1 Year or More Below Grade Level	22	40	64	40	64
LANGUAGE					
Third Grade Median	70.0	55.2	57.5	55.2	57.5
Median Percentile	50	14	22	14	22
Grade Equivalent	4.0	2.5	2.8	2.5	2.8
% 1 Year or More Below Grade Level	14	77	69	77	69

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(9)-IIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR COGNITIVE CURRICULUM MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	33	5	10	48	40	2	3	45
FALL KINDERGARTEN WRAT								
MEAN	27.03	34.20	29.00	28.19	31.37	41.00	26.67	31.46
STANDARD DEVIATION	8.07	12.46	11.42	9.35	9.89	22.63	8.96	11.46
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	11.66	14.20	12.50	12.11	12.97	15.00	13.33	13.10
STANDARD DEVIATION	.70	3.27	.71	1.42	1.43	5.66	.58	1.67
NUMBER	32	5	10	47	34	2	3	39
FAMILY INCOME IN DOLLARS								
MEAN	2343.75	4399.80	1950.00	2478.70	3323.53	9999.00	4000.00	3556.61
STANDARD DEVIATION	1058.28	3577.32	550.25	1549.64	2242.46	0.00	2500.00	2451.60
MEDIAN	2083.33	3333.00	2000.00	2089.29	2416.67	9999.00	4000.00	2583.17
NUMBER	32	5	10	47	34	1	3	38
FAMILY INCOME GE 9999								
PERCENT	-0.00	20.00	-0.00	2.13	-0.00	100.00	-0.00	2.63
CHILDS ETHNICITY								
PERCENT WHITE	6.06	40.00	0.00	8.33	0.00	0.00	0.00	0.00
PERCENT BLACK	93.94	60.00	100.00	91.67	100.00	100.00	100.00	100.00
CHILDS SEX								
PERCENT FEMALE	39.39	40.00	30.00	37.50	40.00	50.00	33.33	40.00
ENTRY AGE IN MONTHS								
MEAN	63.05	63.84	62.49	63.02	63.57	63.75	60.63	63.42
STANDARD DEVIATION	3.86	2.53	3.33	3.60	5.67	3.86	4.06	5.48
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	8.54	8.80	8.00	8.43	10.55	13.07	9.00	10.64
STANDARD DEVIATION	2.53	3.85	2.43	2.54	2.22	4.28	3.90	2.53
NUMBER	28	3	10	41	29	2	3	34
PERCENT HS GRAD	3.57	33.33	10.00	7.32	24.14	50.00	33.33	26.47
FEMALE HEADED HOUSEHOLD								
PERCENT	21.88	0.00	30.00	21.28	32.35	0.00	33.33	30.77
NUMBER	32	5	10	47	34	2	3	39
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	68.75	100.00	0.00	0.00	88.89
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	10.42	0.00	100.00	0.00	4.44
PERCENT NO PRESCHOOL	0.00	0.00	100.00	20.83	0.00	0.00	100.00	6.67

Table F15-(9)-IIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR COGNITIVE CURRICULUM MODEL IN LEFLORE CO., MS

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	33	5	10	48	40	2	3	45
FALL KINDERGARTEN WRAT								
MEAN	27.03	34.20	29.00	28.19	31.37	41.00	34.67	31.36
STANDARD DEVIATION	8.07	12.46	11.42	9.35	9.80	22.63	8.96	10.46
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	11.66	14.20	12.50	12.11	12.97	15.00	13.33	13.10
STANDARD DEVIATION	.70	3.27	.71	1.42	1.46	5.66	.58	1.67
NUMBER	32	5	10	47	34	2	3	39
FAMILY INCOME IN DOLLARS								
MEAN	2343.75	4399.80	1950.00	2478.70	3323.53	9999.00	4100.00	3552.61
STANDARD DEVIATION	1058.28	3577.32	550.25	1549.64	2242.44	0.00	2600.00	2451.60
MEDIAN	2083.33	3333.00	2000.00	2089.29	2416.67	9999.00	4000.00	2583.17
NUMBER	32	5	10	47	34	1	3	38
FAMILY INCOME GE 9999								
PERCENT	-0.00	20.00	-0.00	2.13	-0.00	100.00	-0.00	2.63
CHILDS ETHNICITY								
PERCENT WHITE	6.06	40.00	0.00	8.33	0.00	0.00	0.00	0.00
PERCENT BLACK	93.94	60.00	100.00	91.67	100.00	100.00	100.00	100.00
CHILDS SEX								
PERCENT FEMALE	39.39	40.00	30.00	37.50	40.00	50.00	33.33	40.00
ENTRY AGE IN MONTHS								
MEAN	63.05	63.84	62.49	63.02	63.50	63.75	60.63	63.32
STANDARD DEVIATION	3.86	2.53	3.33	3.60	5.67	3.84	4.36	5.48
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	8.54	8.80	8.00	8.43	10.50	13.07	9.80	10.64
STANDARD DEVIATION	2.53	3.85	2.43	2.54	2.22	4.28	3.90	2.53
NUMBER	28	3	10	41	29	2	3	34
PERCENT HS GRAD	3.57	33.33	10.00	7.32	24.14	50.00	33.33	26.47
FEMALE HEADED HOUSEHOLD								
PERCENT	21.88	0.00	30.00	21.28	32.35	0.00	33.33	30.77
NUMBER	32	5	10	47	34	2	3	39
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	68.75	100.00	0.00	0.00	88.89
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	10.42	0.00	100.00	0.00	4.44
PERCENT NO PRESCHOOL	0.00	0.00	100.00	20.83	0.00	0.00	100.00	6.67

Table F16-(9)-IIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR COGNITIVE CURRICULUM MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	33	5	10	48	34	2	9	45
WORD KNOWLEDGE								
MEAN	15.52	23.40	14.60	16.15	15.06	11.50	14.33	14.80
STANDARD DEVIATION	6.93	11.84	8.19	7.99	9.06	.71	7.57	8.66
SPELLING								
MEAN	14.33	17.60	18.00	15.44	10.32	6.00	11.00	10.18
STANDARD DEVIATION	11.99	13.32	13.21	12.21	10.16	2.83	16.46	10.18
LANGUAGE								
MEAN	12.48	18.40	14.80	13.58	16.15	16.00	14.33	16.02
STANDARD DEVIATION	5.78	10.24	5.33	6.38	7.20	0.00	2.89	6.91
RAVENS								
MEAN	15.42	18.40	17.20	16.10	15.72	15.50	14.33	15.62
STANDARD DEVIATION	6.52	6.19	6.66	6.47	5.73	6.36	3.06	5.53
READING								
MEAN	14.45	18.00	14.80	14.90	15.77	14.00	14.00	15.58
STANDARD DEVIATION	4.66	4.18	4.39	4.60	4.77	4.24	5.20	4.70
MATH CONCEPTS								
MEAN	12.91	20.40	13.00	13.71	14.06	11.50	12.67	13.80
STANDARD DEVIATION	4.49	6.15	5.77	5.35	5.41	2.12	5.51	5.27
MATH COMPUTATIONS								
MEAN	12.33	18.00	14.60	13.40	11.68	10.50	15.00	11.78
STANDARD DEVIATION	5.69	8.69	5.99	6.22	4.88	4.95	7.94	5.04
MATH PROBLEM SOLVING								
MEAN	10.15	14.20	11.20	10.79	11.35	10.00	12.00	11.33
STANDARD DEVIATION	4.86	4.09	5.63	4.98	4.73	2.83	2.00	4.50
COOPERSMITH								
MEAN	31.27	36.00	33.30	32.19	33.35	37.00	41.33	34.04
STANDARD DEVIATION	5.98	5.83	6.46	6.14	7.85	5.66	2.89	7.76
IARS(-)								
MEAN	9.76	9.80	7.90	9.38	9.07	10.50	9.67	9.18
STANDARD DEVIATION	2.99	1.64	2.02	2.77	2.66	3.54	1.15	2.60
IARS(+)								
MEAN	11.76	13.80	12.50	12.12	11.17	13.00	12.00	11.31
STANDARD DEVIATION	2.87	1.30	2.55	2.73	3.04	0.00	3.46	2.98
TOTAL READING								
MEAN	28.42	43.80	27.60	29.85	29.06	23.00	27.00	25.60
STANDARD DEVIATION	9.84	17.82	13.23	12.23	13.74	2.83	13.00	13.30
TOTAL MATH								
MEAN	37.91	53.60	43.00	40.29	38.67	36.00	41.33	38.73
STANDARD DEVIATION	14.78	15.96	16.99	15.36	12.95	14.14	12.10	12.68
LANGUAGE PART A								
MEAN	6.15	8.40	7.00	6.56	6.88	9.50	8.00	7.07
STANDARD DEVIATION	2.90	3.85	2.98	3.03	3.26	4.95	2.00	3.22
LANGUAGE PART B								
MEAN	6.33	10.00	7.80	7.02	9.27	6.50	6.33	8.96
STANDARD DEVIATION	4.42	6.63	3.85	4.61	5.03	4.95	1.53	4.89

Table F17-(9)-IIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-FF PRESCHOOL SAMPLE
FOR COGNITIVE CURRICULUM MODEL IN LEFLORE CO., MS

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	33	5	10	48	40	2	3	45
WORD KNOWLEDGE								
MEAN	15.52	23.40	14.60	16.15	15.00	11.50	14.33	14.80
STANDARD DEVIATION	6.93	11.84	8.19	7.99	9.03	.71	7.57	8.06
SPELLING								
MEAN	14.33	17.60	18.00	15.44	15.72	6.00	11.00	15.18
STANDARD DEVIATION	11.99	13.32	13.21	12.21	10.10	2.83	16.46	10.18
LANGUAGE								
MEAN	12.48	18.40	14.80	13.58	16.15	16.00	14.33	16.02
STANDARD DEVIATION	5.78	10.24	5.33	6.38	7.20	0.00	2.89	6.91
RAVENS								
MEAN	15.42	18.40	17.20	16.10	15.72	15.50	14.33	15.62
STANDARD DEVIATION	6.52	6.19	6.66	6.47	5.73	0.36	3.06	5.53
READING								
MEAN	14.45	18.00	14.80	14.90	15.77	14.00	14.00	15.58
STANDARD DEVIATION	4.66	4.18	4.39	4.60	4.77	4.24	5.20	4.70
MATH CONCEPTS								
MEAN	12.91	20.40	13.00	13.71	14.00	11.50	12.67	13.80
STANDARD DEVIATION	4.49	6.15	5.77	5.35	5.41	2.12	5.51	5.27
MATH COMPUTATIONS								
MEAN	12.33	18.00	14.60	13.40	11.68	10.50	15.00	11.78
STANDARD DEVIATION	5.69	8.69	5.99	6.22	4.88	4.95	7.94	5.04
MATH PROBLEM SOLVING								
MEAN	10.15	14.20	11.20	10.79	11.35	10.00	12.00	11.33
STANDARD DEVIATION	4.83	4.09	5.63	4.98	4.73	2.83	2.60	4.50
COOPERSMITH								
MEAN	31.27	36.00	33.30	32.19	33.38	37.00	41.33	34.04
STANDARD DEVIATION	5.98	5.83	6.66	6.14	7.85	5.66	2.89	7.76
IARS(-)								
MEAN	9.76	9.80	7.90	9.38	9.07	10.50	9.67	9.18
STANDARD DEVIATION	2.99	1.64	2.02	2.77	2.66	3.54	1.15	2.60
IARS(+)								
MEAN	11.76	13.80	12.50	12.12	11.17	13.00	12.00	11.41
STANDARD DEVIATION	2.87	1.30	2.55	2.73	3.04	0.00	3.46	2.98
TOTAL READING								
MEAN	28.42	43.80	27.60	29.85	25.03	23.00	27.00	26.00
STANDARD DEVIATION	9.84	17.82	13.23	12.23	13.74	2.83	13.90	13.30
TOTAL MATH								
MEAN	37.91	50.60	43.00	40.29	38.07	36.00	41.33	38.73
STANDARD DEVIATION	14.78	15.90	18.99	15.36	12.55	14.14	12.10	12.88
LANGUAGE PART A								
MEAN	6.15	8.40	7.00	6.56	6.08	9.50	8.30	7.07
STANDARD DEVIATION	2.97	3.85	2.98	3.03	3.24	4.95	2.00	3.22
LANGUAGE PART B								
MEAN	6.33	10.00	7.80	7.02	8.72	6.50	6.33	8.46
STANDARD DEVIATION	4.42	6.63	3.85	4.61	5.03	4.95	1.53	4.89

Table F11-(10)-IIK

SUMMARY OF EFFECTS
FOR PARENT EDUCATION MODEL IN COHORT II-K, BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS					
		PBLA[a]			PBPA[b]		
	PRESCHOOL CATEGORY	Head Start	Some Preschool	No Preschool	Head Start	Some Preschool	No Preschool
BASIC SKILLS	Word Knowledge				+		
	Spelling				+		
	Language						
	Math Computations				+		
COGNITIVE CONCEPTUAL SKILLS	Raven's				+		
	Reading				+		
	Math Concepts				+		
	Math Problem Solving						
AFFECTIVE MEASURES	Coopersmith						
	IARS(-)						
	IARS(+)				-		
	Total Reading				+		
	Total Math				+		
	Language Part A				+	+	
	Language Part B						

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:	
+	FT-favoring effect
-	NFT-favoring effect
blank	Null effect
▨	Sample size of less than 30 children in FT and/or NFT

Table F12-(10)-IIK

SUMMARY OF EFFECTS IN COHORT II-K SITES IN THE PARENT EDUCATION MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE																			
	Philadelphia, PA					Jacksonville, FL					Richmond, VA					Houston, TX				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge		-	-	-	-													+	+	+
Spelling		-	-	-	-					-				+	-			+	+	+
Language		-	-	-	-														+	
Math Computations				-												+	+	+	+	+
Raven's														+						
Reading		-	-	-	-														+	+
Math Concepts		-	-	-	-									+			+	+	+	
Math Problem Solving		-	-	-	-									+					+	+
Coopersmith														+	+				-	
IARS (-)																				+
IARS (+)																				
Total Reading			-	-	-													+	+	+
Total Math			-	-	-													+	+	+
Language Part A		-	-	-										+	+			+	+	+
Language Part B		-	-	-	-									-	-					

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(10)-IIK

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT II-K CHILDREN IN THE PARENT EDUCATION MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPULATION	SITES									
		All[a]		Philadelphia, PA		Jacksonville, FL		Richmond, VA		Houston, TX	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT
TOTAL READING											
Third Grade Median	61.0	50.3	51.0	43.8	54.4	49.5	48.6	55.1	52.8	52.8	48.0
Median Percentile	50	16	20	7	28	16	14	30	24	24	12
Grade Equivalent	3.5	2.4	2.5	2.0	2.8	2.4	2.4	2.9	2.7	2.7	2.3
% 1 Year or More Below Grade Level	20	52	54	74	47	57	58	31	42	46	67
TOTAL MATHEMATICS											
Third Grade Median	70.5	56.4	56.6	51.0	61.5	55.5	56.0	58.2	56.8	60.8	52.0
Median Percentile	50	11	12	6	23	11	11	14	12	20	7
Grade Equivalent	3.8	2.6	2.7	2.3	3.1	2.6	2.6	2.8	2.7	3.0	2.4
% 1 Year or More Below Grade Level	12	54	58	69	40	57	60	51	58	39	72
SPELLING											
Third Grade Median	64.0	54.8	54.3	50.8	62.5	47.5	50.0	62.2	58.8	58.6	46.0
Median Percentile	50	23	22	16	44	12	14	44	36	36	9
Grade Equivalent	3.6	2.7	2.6	2.4	3.4	2.2	2.4	3.4	3.0	3.0	2.1
% 1 Year or More Below Grade Level	22	50	47	63	32	71	60	26	29	39	67
LANGUAGE											
Third Grade Median	70.0	53.1	54.5	49.1	55.8	52.3	54.5	56.0	54.8	55.1	53.0
Median Percentile	50	11	12	7	18	10	12	18	14	14	11
Grade Equivalent	4.0	2.4	2.4	2.0	2.6	2.3	2.4	2.6	2.5	2.5	2.4
% 1 Year or More Below Grade Level	14	79	76	91	66	79	75	71	74	75	87

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(10)-IIK

BACKGROUND VARIABLES FOR FT AND NFT CHILDREN IN COHORT II-K PRESCHOOL SAMPLE FOR PARENT EDUCATION MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	76	63	55	194	30	53	111	194
FALL KINDERGARTEN WRAT								
MEAN	30.38	32.22	21.40	28.43	31.20	28.21	25.24	26.97
STANDARD DEVIATION	13.69	12.61	9.70	13.06	10.84	12.82	12.90	12.72
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.00	13.14	13.41	13.21	13.34	14.19	13.41	13.60
STANDARD DEVIATION	1.37	1.57	1.53	1.50	1.64	2.28	1.66	1.87
NUMBER	32	50	49	131	21	48	107	176
FAMILY INCOME IN DOLLARS								
MEAN	4306.42	4764.08	4053.15	4400.71	3574.05	4968.02	4427.86	4476.57
STANDARD DEVIATION	2253.35	2739.32	2308.27	2571.49	2368.93	2584.12	2494.02	2523.22
MEDIAN	3857.14	3500.00	3333.67	3655.94	2750.00	4666.33	3937.62	3979.21
NUMBER	31	53	47	131	20	47	104	171
FAMILY INCOME GE 9999								
PERCENT	3.23	7.55	4.26	5.34	5.00	6.38	2.88	4.09
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	1.82	.52	0.00	0.00	1.80	1.03
PERCENT BLACK	90.79	93.65	87.27	90.72	90.00	86.79	90.09	89.18
CHILDS SEX								
PERCENT FEMALE	53.95	42.86	45.45	47.94	50.00	56.60	58.56	56.70
ENTRY AGE IN MONTHS								
MEAN	68.70	69.62	67.62	68.69	69.75	68.79	68.28	68.65
STANDARD DEVIATION	3.97	4.37	5.35	4.56	4.54	4.29	5.00	4.75
PRIMARY LANGUAGE								
PERCENT ENGLISH	92.11	93.65	89.00	91.75	93.33	92.45	95.50	94.33
MOTHERS EDUCATION IN YEARS								
MEAN	10.90	11.70	11.24	11.33	10.58	11.00	11.02	10.97
STANDARD DEVIATION	2.39	2.11	2.89	2.49	2.74	2.87	2.11	2.39
NUMBER	31	49	48	128	18	44	103	165
PERCENT HS GRAD	35.48	42.86	45.83	42.19	44.44	43.18	32.04	36.36
FEMALE HEADED HOUSEHOLD								
PERCENT	50.00	43.40	45.10	45.59	61.90	38.78	39.25	41.81
NUMBER	32	53	51	136	21	49	107	177
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	39.18	100.00	0.00	0.00	15.46
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	32.47	0.00	100.00	0.00	27.32
PERCENT NO PRESCHOOL	0.00	0.00	100.00	28.35	0.00	0.00	100.00	57.22

Table F15-(10)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR PARENT EDUCATION MODEL IN PHILADELPHIA, PA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	16	4	15	35	9	20	33	62
FALL KINDERGARTEN WRAT								
MEAN	27.94	34.00	20.07	25.26	32.22	31.20	25.48	28.31
STANDARD DEVIATION	15.32	16.09	11.67	14.47	14.28	15.77	14.74	15.08
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.90	14.50	12.73	12.74	0.00	14.87	13.62	14.07
STANDARD DEVIATION	.70	2.12	.80	.98	0.00	2.58	1.45	1.99
NUMBER	10	2	15	27	0	16	29	45
FAMILY INCOME IN DOLLARS								
MEAN	5149.90	4625.00	3466.67	4206.86	0.00	5133.27	4944.41	5011.86
STANDARD DEVIATION	2345.57	2212.65	1777.50	2123.40	0.00	2158.43	2399.17	2291.15
MEDIAN	4250.00	3250.00	2833.33	3500.00	0.00	4875.00	4800.40	4821.79
NUMBER	10	4	15	29	0	15	27	42
FAMILY INCOME GE 9999								
PERCENT	10.00	0.00	0.00	3.45	0.00	6.67	3.70	4.76
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	6.67	2.86	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	93.33	97.14	77.78	100.00	87.88	90.32
CHILDS SEX								
PERCENT FEMALE	43.75	50.00	53.33	48.57	33.33	40.00	45.45	41.94
ENTRY AGE IN MONTHS								
MEAN	65.59	68.52	64.41	65.42	67.11	66.33	66.75	66.66
STANDARD DEVIATION	3.07	3.09	3.92	3.92	2.27	3.20	2.93	2.90
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	77.78	100.00	93.94	93.55
MOTHERS EDUCATION IN YEARS								
MEAN	11.47	10.60	11.61	11.42	0.00	12.48	11.24	11.68
STANDARD DEVIATION	1.60	3.57	1.47	1.85	0.00	1.39	2.01	1.89
NUMBER	10	4	14	28	0	16	29	45
PERCENT HS GRAD	40.00	50.00	42.86	42.86	0.00	62.50	37.93	46.67
FEMALE HEADED HOUSEHOLD								
PERCENT	50.00	75.00	53.33	55.17	0.00	52.94	44.83	47.83
NUMBER	10	4	15	29	0	17	29	46
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	45.71	100.00	0.00	0.00	14.52
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	11.43	0.00	100.00	0.00	32.26
PERCENT NO PRESCHOOL	0.00	0.00	100.00	42.86	0.00	0.00	100.00	53.23

Table F15-(10)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR PARENT EDUCATION MODEL IN RICHMOND, VA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	39	30	20	89	6	10	22	38
FALL KINDERGARTEN WRAT								
MEAN	33.44	37.10	22.65	32.27	38.67	28.40	28.32	29.97
STANDARD DEVIATION	14.10	11.69	9.30	13.39	10.71	10.75	12.70	12.24
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.42	13.40	12.87	13.23	13.67	14.10	13.27	13.55
STANDARD DEVIATION	1.44	1.76	1.06	1.48	1.86	1.60	1.72	1.70
NUMBER	12	20	15	47	6	10	22	38
FAMILY INCOME IN DOLLARS								
MEAN	4227.27	5261.76	3708.25	4579.45	5100.00	5149.90	3571.38	4222.17
STANDARD DEVIATION	2310.93	3376.92	2471.96	2941.00	2583.60	3366.75	2254.22	2681.68
MEDIAN	3834.33	4000.00	2916.67	3249.50	6000.00	3749.50	3000.00	3375.25
NUMBER	11	21	12	44	5	10	21	36
FAMILY INCOME GE 9999								
PERCENT	0.00	14.29	8.33	9.09	0.00	10.00	4.76	5.56
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	4.55	2.63
PERCENT BLACK	100.00	100.00	100.00	100.00	100.00	100.00	95.45	97.37
CHILDS SEX								
PERCENT FEMALE	56.41	36.67	50.00	48.31	66.67	60.00	59.09	60.53
ENTRY AGE IN MONTHS								
MEAN	69.93	70.50	69.30	69.98	74.56	70.84	71.37	71.74
STANDARD DEVIATION	4.18	4.45	5.94	4.33	5.24	3.45	5.90	5.29
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.42	12.02	12.31	11.97	10.98	11.52	11.33	11.33
STANDARD DEVIATION	1.53	1.42	1.66	1.53	2.77	1.96	1.87	1.97
NUMBER	11	19	15	45	5	9	21	35
PERCENT HS GRAD	36.36	42.11	46.67	42.22	60.00	33.33	38.10	40.00
FEMALE HEADED HOUSEHOLD								
PERCENT	41.67	52.38	56.25	51.02	66.67	30.00	54.55	50.00
NUMBER	12	21	16	49	6	10	22	38
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	43.82	100.00	0.00	0.00	15.79
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	33.71	0.00	100.00	0.00	26.32
PERCENT NO PRESCHOOL	0.00	0.00	100.00	22.47	0.00	0.00	100.00	57.89

Table F15-(10)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR PARENT EDUCATION MODEL IN HOUSTON, TX

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	18	19	19	56	3	17	26	46
FALL KINDERGARTEN WRAT								
MEAN	26.33	28.68	20.16	25.04	29.33	27.29	23.35	25.21
STANDARD DEVIATION	11.30	10.81	7.82	10.54	4.04	11.20	11.65	11.21
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.29	12.89	14.39	13.58	12.33	13.65	13.50	13.48
STANDARD DEVIATION	1.09	1.45	1.85	1.80	.58	2.32	1.94	2.03
NUMBER	7	18	18	43	3	17	26	46
FAMILY INCOME IN DOLLARS								
MEAN	3500.00	5138.83	4736.79	4704.50	2000.00	4764.65	4442.31	4402.15
STANDARD DEVIATION	2160.25	2904.43	2562.27	2681.28	500.00	2704.72	2861.21	2756.00
MEDIAN	3000.00	3749.50	4624.75	4000.00	2000.00	4500.00	3875.00	3850.30
NUMBER	7	18	19	44	3	17	26	46
FAMILY INCOME OF 9999								
PERCENT	0.00	5.56	5.26	4.55	0.00	5.88	0.00	2.17
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	3.85	2.17
PERCENT BLACK	61.11	78.95	68.42	69.64	66.67	58.82	76.92	69.57
CHILDS SEX								
PERCENT FEMALE	50.00	57.89	36.84	48.21	66.67	58.82	69.23	65.22
ENTRY AGE IN MONTHS								
MEAN	69.05	70.40	68.61	69.36	74.94	71.70	71.84	72.00
STANDARD DEVIATION	4.05	3.87	4.69	4.21	1.58	3.57	3.89	3.69
PRIMARY LANGUAGE								
PERCENT ENGLISH	66.67	78.95	68.42	71.43	100.00	76.47	88.46	84.78
MOTHERS EDUCATION IN YEARS								
MEAN	9.43	11.47	9.95	10.50	7.28	8.68	9.81	9.24
STANDARD DEVIATION	3.87	2.59	4.01	3.47	3.18	3.65	2.22	2.87
NUMBER	7	18	18	43	3	14	24	41
PERCENT HS GRAD	28.57	44.44	44.44	41.86	0.00	28.57	8.33	14.63
FEMALE HEADED HOUSEHOLD								
PERCENT	71.43	33.33	31.58	38.64	100.00	23.53	38.46	36.96
NUMBER	7	18	19	44	3	17	26	46
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	32.14	100.00	0.00	0.00	6.52
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	33.93	0.00	100.00	0.00	36.96
PERCENT NO PRESCHOOL	0.00	0.00	100.00	33.93	0.00	0.00	100.00	56.52

Table F15-(10)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR PARENT EDUCATION MODEL IN JACKSONVILLE, FL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	3	10	1	14	12	6	30	48
FALL KINDERGARTEN WRAT								
MEAN	27.33	23.60	40.00	25.57	27.17	20.50	24.37	24.58
STANDARD DEVIATION	2.89	11.66	0.00	10.73	7.49	6.69	12.09	10.58
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.67	12.80	14.00	12.86	13.25	14.00	13.23	13.32
STANDARD DEVIATION	1.15	1.23	0.00	1.17	1.71	2.35	1.59	1.68
NUMBER	3	10	1	14	12	5	30	47
FAMILY INCOME IN DOLLARS								
MEAN	3666.67	3100.00	4000.00	3285.71	3333.25	4800.00	4549.97	4265.91
STANDARD DEVIATION	2020.73	1449.14	0.00	1476.93	2328.74	2307.60	2361.06	2363.23
MEDIAN	4000.00	2750.00	4000.00	3250.00	2750.00	4500.00	4000.00	3375.00
NUMBER	3	10	1	14	12	5	30	47
FAMILY INCOME GE 9999								
PERCENT	0.00	0.00	0.00	0.00	8.33	0.00	3.33	4.26
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
CHILDS SEX								
PERCENT FEMALE	100.00	30.00	0.00	42.86	50.00	100.00	63.33	64.58
ENTRY AGE IN MONTHS								
MEAN	67.21	65.94	63.25	66.02	68.03	65.31	64.71	65.62
STANDARD DEVIATION	5.99	3.87	0.00	4.10	2.97	3.77	3.57	3.67
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.63	11.97	13.00	11.72	11.37	11.77	11.59	11.56
STANDARD DEVIATION	2.54	1.54	0.00	1.79	2.03	1.12	1.99	1.89
NUMBER	3	8	1	12	10	5	29	44
PERCENT HS GRAD	33.33	37.50	100.00	41.67	50.00	40.00	41.38	43.18
FEMALE HEADED HOUSEHOLD								
PERCENT	33.33	30.00	0.00	28.57	50.00	60.00	23.33	34.04
NUMBER	3	10	1	14	12	5	30	47
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	21.43	100.00	0.00	0.00	25.00
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	71.43	0.00	100.00	0.00	12.50
PERCENT NO PRESCHOOL	0.00	0.00	100.00	7.14	0.00	0.00	100.00	62.50

Table F16-(10)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR PARENT EDUCATION MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	76	63	58	194	33	53	111	194
WORD KNOWLEDGE								
MEAN	21.16	22.17	16.75	20.24	18.80	20.15	19.33	19.47
STANDARD DEVIATION	11.50	10.94	10.79	11.29	10.97	10.67	11.11	10.91
SPELLING								
MEAN	17.74	16.73	15.76	16.85	14.17	15.25	14.69	14.76
STANDARD DEVIATION	13.40	12.67	12.90	12.98	13.50	13.03	13.08	13.07
LANGUAGE								
MEAN	14.78	14.05	12.33	13.85	16.67	15.11	14.23	14.75
STANDARD DEVIATION	7.84	7.50	7.08	7.55	8.81	8.29	7.70	8.03
RAVENS								
MEAN	15.96	15.65	15.27	15.47	16.10	15.17	15.67	15.60
STANDARD DEVIATION	6.33	6.87	6.05	6.40	7.44	6.75	6.81	6.90
READING								
MEAN	17.53	17.75	16.47	17.30	18.47	17.53	17.02	17.38
STANDARD DEVIATION	4.95	4.87	4.77	4.88	4.91	4.53	4.75	4.62
MATH CONCEPTS								
MEAN	15.91	16.44	14.42	15.66	15.60	15.98	15.04	15.38
STANDARD DEVIATION	7.10	7.02	6.88	7.03	7.29	7.54	6.70	7.00
MATH COMPUTATIONS								
MEAN	14.25	14.71	13.16	14.09	13.53	14.11	13.35	13.59
STANDARD DEVIATION	7.01	6.30	7.15	6.82	6.62	8.13	6.82	7.14
MATH PROBLEM SOLVING								
MEAN	11.14	11.68	10.95	11.26	11.00	11.30	11.11	11.14
STANDARD DEVIATION	5.61	6.34	6.27	6.02	5.60	7.32	5.89	6.24
COOPERSMITH								
MEAN	34.75	34.68	32.58	34.11	33.70	36.08	35.76	35.53
STANDARD DEVIATION	7.91	10.33	10.08	9.38	6.15	7.20	7.39	7.17
TAPS(-)								
MEAN	9.11	9.32	9.75	9.36	9.03	9.23	9.32	9.37
STANDARD DEVIATION	2.57	2.55	2.62	2.58	3.36	2.98	3.24	3.18
TAPS(+)								
MEAN	14.74	15.63	15.22	15.10	15.70	15.21	14.96	15.14
STANDARD DEVIATION	3.30	3.22	3.33	3.28	3.70	2.71	2.97	3.02
TOTAL READING								
MEAN	37.07	38.62	31.16	35.90	34.40	36.13	34.37	34.86
STANDARD DEVIATION	17.65	17.00	16.50	17.33	16.01	17.48	16.93	17.01
TOTAL MATH								
MEAN	40.86	42.05	39.38	40.82	40.63	40.58	40.13	40.33
STANDARD DEVIATION	17.60	17.80	17.55	17.46	17.70	20.29	17.46	18.21
LANGUAGE PART A								
MEAN	7.08	7.06	6.25	6.84	6.73	6.30	6.58	6.53
STANDARD DEVIATION	3.31	3.56	3.50	3.47	3.53	3.27	3.35	3.34
LANGUAGE PART B								
MEAN	7.70	6.98	6.07	7.01	9.33	8.81	7.65	8.23
STANDARD DEVIATION	5.61	5.52	4.62	5.33	6.22	5.99	5.58	5.81

Table F17-(10)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR PARENT EDUCATION MODEL IN PHILADELPHIA, PA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	16	4	15	35	9	20	33	62
WORD KNOWLEDGE								
MEAN	16.88	11.25	11.20	13.80	21.67	22.25	21.36	21.69
STANDARD DEVIATION	11.56	3.77	7.07	9.41	12.80	13.76	11.41	12.20
SPELLING								
MEAN	13.44	1.00	11.87	11.34	20.67	21.75	19.15	20.21
STANDARD DEVIATION	13.21	1.41	11.37	12.05	14.55	13.21	14.02	13.66
LANGUAGE								
MEAN	10.63	7.50	9.33	9.71	18.33	19.05	16.58	17.63
STANDARD DEVIATION	5.48	4.65	5.27	5.26	13.33	11.11	9.33	10.43
RAVENS								
MEAN	14.75	7.75	13.80	13.54	16.44	17.50	17.82	17.52
STANDARD DEVIATION	5.05	4.65	5.76	5.61	10.13	7.77	8.13	8.19
READING								
MEAN	16.62	16.50	15.93	16.31	18.56	17.90	17.88	17.98
STANDARD DEVIATION	3.77	3.70	4.86	4.16	4.07	4.83	4.67	4.58
MATH CONCEPTS								
MEAN	12.06	10.50	12.60	12.11	20.89	18.15	16.64	17.74
STANDARD DEVIATION	6.32	2.65	7.12	6.29	6.68	9.86	6.25	7.67
MATH COMPUTATIONS								
MEAN	11.81	10.25	11.00	11.29	16.22	17.60	16.45	16.79
STANDARD DEVIATION	7.09	4.50	7.86	7.05	9.87	9.94	7.43	8.54
MATH PROBLEM SOLVING								
MEAN	8.75	8.50	8.27	8.51	13.56	13.75	13.42	13.55
STANDARD DEVIATION	5.97	3.11	5.08	5.22	8.68	9.60	6.57	7.82
COOPERSMITH								
MEAN	33.13	29.50	32.13	32.29	32.78	37.30	35.91	35.90
STANDARD DEVIATION	8.47	7.55	10.93	9.33	6.80	8.08	6.91	7.31
IARS(-)								
MEAN	9.06	6.75	9.27	8.89	10.22	9.80	9.91	9.92
STANDARD DEVIATION	2.75	.96	2.74	2.76	4.68	2.76	3.36	3.35
IARS(+)								
MEAN	15.06	11.25	15.40	14.77	14.89	15.25	14.94	15.03
STANDARD DEVIATION	3.49	2.87	2.64	3.26	5.78	2.86	3.43	3.62
TOTAL READING								
MEAN	28.94	21.75	23.80	25.91	42.56	40.40	38.00	39.44
STANDARD DEVIATION	16.90	4.65	13.34	14.32	18.32	23.23	16.95	19.12
TOTAL MATH								
MEAN	35.31	26.50	33.07	33.34	46.22	48.85	47.70	47.85
STANDARD DEVIATION	16.20	11.26	16.23	15.58	27.58	25.58	20.08	22.71
LANGUAGE PART A								
MEAN	6.00	2.50	5.13	5.23	7.33	8.10	7.24	7.53
STANDARD DEVIATION	3.22	.58	2.67	2.95	4.66	3.70	3.30	3.60
LANGUAGE PART B								
MEAN	4.63	5.00	4.20	4.49	11.00	10.95	9.33	10.10
STANDARD DEVIATION	3.01	4.69	3.49	3.32	9.45	8.35	7.43	7.94

Table F17-(10)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR PARENT EDUCATION MODEL IN RICHMOND, VA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	39	30	20	89	6	10	22	38
WORD KNOWLEDGE								
MEAN	21.69	25.00	21.30	22.70	19.17	21.30	24.05	22.55
STANDARD DEVIATION	10.46	10.58	12.55	11.00	13.88	8.44	12.26	11.54
SPELLING								
MEAN	20.87	20.10	20.75	20.58	18.33	15.40	18.55	17.68
STANDARD DEVIATION	13.19	12.43	13.21	12.77	14.36	9.31	12.88	12.05
LANGUAGE								
MEAN	15.31	15.00	15.75	15.30	15.00	13.70	15.50	14.95
STANDARD DEVIATION	8.13	6.46	7.63	7.41	8.29	6.29	8.25	7.63
RAVENS								
MEAN	14.09	15.17	16.05	15.16	13.33	14.70	18.23	16.53
STANDARD DEVIATION	6.69	6.02	6.30	6.61	6.22	4.42	7.93	7.07
READING								
MEAN	18.33	18.30	17.70	18.18	15.83	17.90	17.09	17.11
STANDARD DEVIATION	4.88	4.68	4.54	4.27	1.60	4.56	4.93	4.43
MATH CONCEPTS								
MEAN	16.87	18.77	16.40	17.40	13.83	16.30	16.18	15.84
STANDARD DEVIATION	6.30	7.03	7.61	6.93	6.46	6.34	7.38	6.87
MATH COMPUTATIONS								
MEAN	14.56	14.90	15.40	14.87	12.33	11.60	14.27	13.26
STANDARD DEVIATION	6.79	6.35	5.77	6.36	4.37	3.60	7.43	6.21
MATH PROBLEM SOLVING								
MEAN	11.79	11.63	13.70	12.15	10.00	9.30	11.50	10.68
STANDARD DEVIATION	5.50	6.32	6.03	5.90	5.14	4.37	6.52	5.78
COOPERSMITH								
MEAN	36.23	35.33	33.35	35.28	31.83	33.10	35.59	34.34
STANDARD DEVIATION	7.70	11.40	10.27	9.65	4.40	6.90	7.47	6.95
IARS(-)								
MEAN	9.00	9.93	10.50	9.62	9.83	8.60	10.45	9.87
STANDARD DEVIATION	2.55	2.44	3.20	2.71	3.92	3.44	2.79	3.16
IARS(+)								
MEAN	14.95	16.13	15.75	15.48	16.50	14.30	15.82	15.53
STANDARD DEVIATION	3.07	2.86	4.12	3.27	1.38	2.67	1.82	2.11
TOTAL READING								
MEAN	38.51	43.77	37.70	40.10	33.00	37.60	40.23	38.39
STANDARD DEVIATION	16.11	16.16	19.28	16.90	19.11	12.75	18.76	17.19
TOTAL MATH								
MEAN	41.00	41.70	45.15	42.17	35.67	35.60	44.00	40.47
STANDARD DEVIATION	17.09	17.94	16.12	17.39	14.08	10.01	19.62	16.95
LANGUAGE PART A								
MEAN	7.38	8.13	8.10	7.80	5.83	5.40	7.00	6.39
STANDARD DEVIATION	3.40	3.39	3.48	3.38	3.71	2.84	3.45	3.33
LANGUAGE PART B								
MEAN	7.72	6.87	7.65	7.51	9.17	8.30	8.50	8.55
STANDARD DEVIATION	5.80	5.23	5.74	5.59	5.12	4.11	5.63	5.97

Table F17-(10)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR PARENT EDUCATION MODEL IN HOUSTON, TX

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	18	19	19	56	3	17	26	46
WORD KNOWLEDGE								
MEAN	24.26	22.53	15.79	20.80	7.67	18.76	14.42	15.59
STANDARD DEVIATION	13.71	10.86	9.43	11.81	9.29	8.55	9.87	9.63
SPELLING								
MEAN	15.89	18.21	12.95	15.68	3.00	11.18	8.42	9.09
STANDARD DEVIATION	13.13	10.83	12.55	12.16	3.61	13.06	9.81	10.91
LANGUAGE								
MEAN	17.28	14.84	10.53	14.16	10.33	13.18	10.81	11.65
STANDARD DEVIATION	8.39	7.54	6.08	7.74	.58	3.97	4.43	4.23
RAVENS								
MEAN	18.17	16.63	15.00	16.57	13.33	13.12	12.23	12.63
STANDARD DEVIATION	6.25	5.76	5.65	5.92	1.53	4.83	3.50	3.89
READING								
MEAN	16.44	17.89	15.37	16.57	19.33	17.47	16.12	16.83
STANDARD DEVIATION	7.31	5.48	4.87	5.96	1.53	4.11	5.08	4.62
MATH CONCEPTS								
MEAN	17.39	15.74	13.68	15.57	5.67	15.06	12.92	13.24
STANDARD DEVIATION	7.92	7.30	5.78	7.08	4.93	4.84	5.72	5.72
MATH COMPUTATIONS								
MEAN	16.56	15.95	11.80	14.77	12.00	13.06	9.35	10.89
STANDARD DEVIATION	6.90	6.00	7.16	6.92	3.61	6.90	5.26	6.01
MATH PROBLEM SOLVING								
MEAN	12.28	13.00	9.58	11.61	10.33	10.65	8.23	9.26
STANDARD DEVIATION	5.32	7.18	6.02	6.30	2.08	4.80	5.09	4.92
COOPERSMITH								
MEAN	32.72	36.37	31.58	33.57	37.33	36.00	36.12	36.15
STANDARD DEVIATION	7.41	7.15	9.64	8.29	5.86	6.88	7.90	7.29
TARS(-)								
MEAN	9.28	9.05	9.37	9.23	9.67	8.94	7.54	8.20
STANDARD DEVIATION	2.50	2.66	1.71	2.30	1.53	3.09	3.34	3.21
TARS(+)								
MEAN	13.89	15.47	14.37	14.59	16.00	15.41	14.12	14.72
STANDARD DEVIATION	3.83	3.47	2.89	3.42	1.00	2.85	2.82	2.80
TOTAL READING								
MEAN	41.67	38.26	29.47	36.37	13.33	33.82	27.35	28.83
STANDARD DEVIATION	20.75	17.48	13.83	17.96	13.50	12.60	14.27	14.30
TOTAL MATH								
MEAN	47.00	45.58	36.47	42.95	35.67	36.82	29.81	32.78
STANDARD DEVIATION	15.79	17.66	17.28	17.29	3.51	13.78	10.99	12.13
LANGUAGE PART A								
MEAN	7.17	7.21	4.84	6.39	3.33	5.41	5.12	5.11
STANDARD DEVIATION	3.96	3.05	3.30	3.39	1.15	2.45	3.12	2.80
LANGUAGE PART B								
MEAN	10.11	7.63	5.68	7.77	7.00	7.76	5.69	6.54
STANDARD DEVIATION	4.98	5.56	3.62	5.40	1.73	2.94	2.65	2.87

Table F17-(10)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR PARENT EDUCATION MODEL IN JACKSONVILLE, FL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	3	10	1	14	12	6	30	48
WORD KNOWLEDGE								
MEAN	19.00	17.40	27.00	18.43	18.25	15.17	17.90	17.90
STANDARD DEVIATION	6.00	10.86	7.43	9.69	6.97	6.40	9.29	8.39
SPELLING								
MEAN	11.00	10.10	28.00	11.57	10.00	4.83	12.40	10.85
STANDARD DEVIATION	15.72	13.08	7.43	13.37	11.55	6.68	12.44	11.74
LANGUAGE								
MEAN	15.00	12.30	23.00	13.64	14.33	9.83	13.67	13.85
STANDARD DEVIATION	6.00	10.25	7.43	9.33	5.50	3.54	6.68	6.29
RAVENS								
MEAN	13.00	18.40	27.00	17.86	17.02	14.00	14.40	15.23
STANDARD DEVIATION	7.00	7.69	7.43	7.77	7.15	10.26	6.93	6.38
READING								
MEAN	18.33	16.30	21.00	17.07	19.40	15.83	16.80	17.35
STANDARD DEVIATION	5.69	4.95	7.43	4.89	5.98	5.42	4.47	4.86
MATH CONCEPTS								
MEAN	15.00	13.20	16.00	13.79	15.00	10.83	14.27	14.02
STANDARD DEVIATION	13.00	5.05	7.43	5.83	5.67	4.58	7.12	6.53
MATH COMPUTATIONS								
MEAN	9.33	13.60	25.00	13.50	12.50	9.67	12.73	12.29
STANDARD DEVIATION	6.00	7.17	7.43	7.52	5.00	6.86	5.01	5.23
MATH PROBLEM SOLVING								
MEAN	9.33	10.60	22.00	11.14	9.75	8.33	10.77	10.21
STANDARD DEVIATION	8.03	5.78	7.43	6.09	2.70	7.45	4.15	4.35
COOPERSMITH								
MEAN	36.33	31.60	43.00	33.43	34.42	37.17	35.60	35.37
STANDARD DEVIATION	18.02	12.62	7.43	11.71	6.65	5.38	7.76	7.14
TARS(-)								
MEAN	9.67	9.30	9.00	9.36	9.58	9.17	9.37	9.40
STANDARD DEVIATION	1.53	2.71	7.43	2.34	2.50	3.06	2.82	2.72
TARS(+)								
MEAN	16.67	14.90	18.00	15.50	15.83	16.00	15.10	15.40
STANDARD DEVIATION	.58	2.96	7.43	2.68	3.13	2.00	3.16	3.00
TOTAL READING								
MEAN	34.00	30.60	43.00	32.21	34.25	26.00	32.17	31.92
STANDARD DEVIATION	15.72	15.61	7.43	14.78	11.60	10.35	15.70	14.23
TOTAL MATH								
MEAN	31.67	42.60	74.00	42.50	40.17	32.00	37.90	37.73
STANDARD DEVIATION	17.79	18.62	7.43	19.80	11.99	23.40	12.29	13.73
LANGUAGE PART A								
MEAN	9.33	5.40	13.00	6.57	7.58	4.33	6.80	6.69
STANDARD DEVIATION	2.52	3.49	7.43	4.05	2.43	1.86	3.32	3.07
LANGUAGE PART B								
MEAN	6.67	6.90	10.00	7.07	8.75	5.50	6.87	7.17
STANDARD DEVIATION	4.04	7.98	7.43	6.16	4.94	3.67	4.52	4.46

Table F11-(10)-IIEF

SUMMARY OF EFFECTS
FOR PARENT EDUCATION MODEL IN COHORT II-EF, BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS					
		PBLA[a]			PBPA[b]		
	PRESCHOOL CATEGORY	Head Start	Some Preschool	No Preschool	Head Start	Some Preschool	No Preschool
BASIC SKILLS	Word Knowledge			▨			▨
	Spelling			▨	+		▨
	Language			▨			▨
	Math Computations			▨	+		▨
COGNITIVE CONCEPTUAL SKILLS	Raven's			▨			▨
	Reading			▨			▨
	Math Concepts			▨	+		▨
	Math Problem Solving			▨		+	▨
AFFECTIVE MEASURES	Coopersmith			▨			▨
	IARS(-)			▨		-	▨
	IARS(+)			▨			▨
	Total Reading			▨			▨
	Total Math			▨	+		▨
	Language Part A			▨	+	+	▨
	Language Part B			▨			▨

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Sample size of less than 30 children in FT and/or NFT

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Table F12-(10)-IIEF

SUMMARY OF EFFECTS IN COHORT II-EF SITES IN THE PARENT EDUCATION MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE														
	Jonesboro, AR					Chattanooga, TN					Hillsborough, FL				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge			▨	▨ +	+										
Spelling			▨ +	▨ +	+										
Language				▨											
Math Computations				+											
Raven's					+										
Reading			▨	▨ +	+										
Math Concepts			▨	▨ +	+									+	+
Math Problem Solving				+	+										
Coopersmith		+	+	+											
IARS (-)							-	-	-						
IARS (+)															
Total Reading			▨	▨ +	+									+	+
Total Math			▨	▨ +	+										
Language Part A			+	▨ +	+										
Language Part B															

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(10)-IIEF

SELECTION ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT II-EF CHILDREN IN THE PARENT EDUCATION MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPULATION	SITES							
		All[a]		Jonesboro, AR		Chattanooga, TN		Hillsborough, FL	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT
TOTAL READING									
Third Grade Median	61.0	51.5	53.0	61.7	64.5	45.4	47.6	47.5	46.8
Median Percentile	50	22	24	54	60	8	12	12	10
Grade Equivalent	3.5	2.6	2.7	3.6	3.8	2.1	2.3	2.3	2.2
% 1 Year or More Below Grade Level	20	51	51	20	9	71	80	63	63
TOTAL MATHEMATICS									
Third Grade Median	70.5	61.1	59.7	71.0	72.0	52.8	51.7	59.5	55.5
Median Percentile	50	20	18	52	56	8	7	18	11
Grade Equivalent	3.8	3.0	3.0	3.8	3.9	2.4	2.4	3.0	2.6
% 1 Year or More Below Grade Level	12	39	39	14	4	60	60	44	54
SPELLING									
Third Grade Median	64.0	54.2	54.1	64.8	66.0	47.3	43.3	50.5	53.0
Median Percentile	50	22	22	54	58	10	6	14	20
Grade Equivalent	3.6	2.6	2.6	3.7	3.9	2.2	1.9	2.4	2.6
% 1 Year or More Below Grade Level	22	44	50	16	17	65	77	50	56
LANGUAGE									
Third Grade Median	70.0	58.9	60.1	65.3	71.5	55.8	54.4	55.5	54.3
Median Percentile	50	23	26	38	56	18	12	18	12
Grade Equivalent	4.0	2.9	3.0	3.4	4.3	2.6	2.4	2.6	2.4
% 1 Year or More Below Grade Level	14	61	60	34	24	81	79	69	76

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(10)-IIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR PARENT EDUCATION MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	88	57	26	171	74	76	47	197
FALL KINDERGARTEN WRAT								
MEAN	32.25	39.93	31.77	34.74	33.92	39.09	33.85	35.90
STANDARD DEVIATION	10.54	10.87	12.10	11.44	12.73	12.16	12.37	12.62
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.92	15.02	13.38	13.70	13.57	14.78	14.09	14.14
STANDARD DEVIATION	1.5[illegible]	1.99	1.42	1.90	1.95	2.30	1.88	2.10
NUMBER	61	42	26	129	56	54	44	154
FAMILY INCOME IN DOLLARS								
MEAN	4426.18	6975.41	5653.73	5492.08	4089.25	6786.81	5862.26	5522.76
STANDARD DEVIATION	2509.60	2497.13	2674.76	2758.47	2351.13	2732.49	2385.69	2742.83
MEDIAN	4071.29	7164.75	5416.83	5333.67	3178.21	6749.50	5812.50	5490.44
NUMBER	61	41	26	128	56	54	43	153
FAMILY INCOME GE 9999								
PERCENT	4.92	19.51	11.54	10.94	3.57	22.22	6.98	11.11
CHILDS ETHNICITY								
PERCENT WHITE	28.41	82.46	76.92	53.80	17.57	43.42	53.19	36.04
PERCENT BLACK	71.59	17.54	23.08	46.20	81.08	52.63	42.55	60.91
CHILDS SEX								
PERCENT FEMALE	57.95	36.84	57.69	50.88	55.41	46.05	48.94	50.25
ENTRY AGE IN MONTHS								
MEAN	65.11	65.78	65.81	65.44	63.87	64.75	65.61	64.62
STANDARD DEVIATION	4.81	3.49	4.19	4.31	4.38	4.45	4.89	4.53
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	96.05	97.87	97.97
MOTHERS EDUCATION IN YEARS								
MEAN	10.17	11.68	10.21	10.69	11.79	12.35	10.60	11.64
STANDARD DEVIATION	2.51	2.86	2.42	2.69	1.63	3.03	2.39	2.49
NUMBER	57	42	26	125	54	51	42	147
PERCENT HS GRAD	22.81	57.14	23.08	34.40	37.04	56.86	30.95	42.18
FEMALE HEADED HOUSEHOLD								
PERCENT	40.98	11.63	19.23	26.92	42.86	31.48	27.27	34.42
NUMBER	61	43	26	130	56	54	44	154
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	51.46	100.00	0.00	0.00	37.56
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	33.33	0.00	100.00	0.00	38.58
PERCENT NO PRESCHOOL	0.00	0.00	100.00	15.20	0.00	0.00	100.00	23.86

Table F15-(10)-IIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR PARENT EDUCATION MODEL IN JONESBORO, AR

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	34	32	14	80	12	24	18	54
FALL KINDERGARTEN WRAT								
MEAN	32.85	40.53	35.29	36.35	45.33	47.12	41.17	44.74
STANDARD DEVIATION	11.13	12.07	13.05	12.23	11.00	10.20	10.14	10.50
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.21	15.07	13.57	14.01	14.55	16.58	14.94	15.50
STANDARD DEVIATION	1.73	1.90	1.22	1.90	2.21	1.95	1.76	2.10
NUMBER	28	27	14	69	11	19	18	48
FAMILY INCOME IN DOLLARS								
MEAN	4964.21	7073.93	6178.43	6036.12	5409.09	8552.16	7176.35	7318.41
STANDARD DEVIATION	2680.13	2281.43	2241.02	2589.84	2782.25	1942.53	1583.67	2456.82
MEDIAN	4416.83	7000.00	5500.00	5786.14	5000.00	9624.75	7166.67	7666.33
NUMBER	28	27	14	69	11	19	17	47
FAMILY INCOME GE 9999								
PERCENT	7.14	14.81	14.29	11.59	-0.00	47.37	11.76	23.40
CHILDS ETHNICITY								
PERCENT WHITE	35.29	96.88	92.86	70.00	83.33	100.00	94.44	94.44
PERCENT BLACK	64.71	3.13	7.14	30.00	16.67	0.00	5.56	5.56
CHILDS SEX								
PERCENT FEMALE	52.94	34.38	57.14	46.25	66.67	41.67	44.44	48.15
ENTRY AGE IN MONTHS								
MEAN	67.18	65.40	67.02	66.44	68.74	66.17	67.35	67.13
STANDARD DEVIATION	4.77	3.70	3.89	4.26	4.14	3.62	3.80	3.86
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.20	12.08	10.11	10.91	12.43	13.96	11.19	12.59
STANDARD DEVIATION	2.47	2.36	2.69	2.61	2.04	2.94	2.61	2.83
NUMBER	27	26	14	67	11	19	16	46
PERCENT HS GRAD	25.93	61.54	28.57	40.30	45.45	84.21	50.00	63.04
FEMALE HEADED HOUSEHOLD								
PERCENT	35.71	7.41	7.14	18.84	36.36	10.53	16.67	18.75
NUMBER	28	27	14	69	11	19	18	48
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	42.50	100.00	0.00	0.00	22.22
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	40.00	0.00	100.00	0.00	44.44
PERCENT NO PRESCHOOL	0.00	0.00	100.00	17.50	0.00	0.00	100.00	33.33

Table F15-(10)-IIEF (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR PARENT EDUCATION MODEL IN CHATTANOOGA, TN

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	43	20	12	75	34	23	18	75
FALL KINDERGARTEN WRAT								
MEAN	32.42	38.90	27.67	33.39	31.03	32.48	27.06	30.52
STANDARD DEVIATION	10.38	9.67	9.88	10.66	12.74	10.30	9.81	11.41
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.74	15.00	13.17	13.40	12.92	13.13	13.28	13.09
STANDARD DEVIATION	1.23	2.16	1.64	1.83	1.69	1.60	1.41	1.56
NUMBER	27	13	12	52	24	15	18	57
FAMILY INCOME IN DOLLARS								
MEAN	3814.78	6833.08	5041.58	4813.63	3458.33	5966.60	4361.11	4403.49
STANDARD DEVIATION	2462.42	2838.82	3092.80	2899.75	1829.21	2423.48	2063.73	2274.50
MEDIAN	3375.00	7250.00	5249.50	4500.00	2916.67	6062.37	4500.00	4500.00
NUMBER	27	12	12	51	24	15	18	57
FAMILY INCOME GE 9999								
PERCENT	3.70	25.00	8.33	9.80	-0.00	6.67	-0.00	1.75
CHILDS ETHNICITY								
PERCENT WHITE	16.28	70.00	58.33	37.33	2.94	30.43	38.89	20.00
PERCENT BLACK	83.72	30.00	41.67	62.67	97.06	69.57	61.11	80.00
CHILDS SEX								
PERCENT FEMALE	58.14	40.00	58.33	53.33	55.88	43.48	44.44	49.33
ENTRY AGE IN MONTHS								
MEAN	64.15	65.86	64.39	64.65	63.97	66.25	65.07	64.43
STANDARD DEVIATION	4.58	3.16	4.24	4.20	3.47	3.59	5.59	4.16
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.06	10.76	10.33	10.32	11.44	10.50	9.57	10.59
STANDARD DEVIATION	2.63	3.61	2.18	2.80	1.61	2.87	2.28	2.30
NUMBER	25	14	12	51	23	13	18	54
PERCENT HS GRAD	16.00	50.00	16.67	25.49	21.74	23.08	11.11	18.52
FEMALE HEADED HOUSEHOLD								
PERCENT	51.85	21.43	33.33	39.62	50.00	26.67	33.33	38.60
NUMBER	27	14	12	53	24	15	18	57
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	57.33	100.00	0.00	0.00	45.33
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	26.67	0.00	100.00	0.00	30.67
PERCENT NO PRESCHOOL	0.00	0.00	100.00	16.00	0.00	0.00	100.00	24.00

Table F15-(10)-IIEF (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR PARENT EDUCATION MODEL IN HILLSBOROUGH, FL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	11	5	0	16	28	29	11	68
FALL KINDERGARTEN WRAT								
MEAN	29.73	40.20	0.00	33.00	32.54	37.69	33.10	34.81
STANDARD DEVIATION	9.83	8.58	0.00	10.45	10.94	11.56	13.59	11.75
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.33	14.50	0.00	12.87	13.81	14.30	14.00	14.14
STANDARD DEVIATION	1.37	3.54	0.00	2.03	1.81	1.89	2.39	1.91
NUMBER	6	2	0	8	21	20	8	49
FAMILY INCOME IN DOLLARS								
MEAN	4666.67	6499.50	0.00	5124.87	4118.95	5724.90	6124.87	5101.94
STANDARD DEVIATION	1751.19	4949.04	0.00	2531.66	2458.95	2844.39	2183.29	2676.78
MEDIAN	4500.00	6499.50	0.00	4500.00	3125.00	5749.50	5250.00	4900.20
NUMBER	6	2	0	8	21	20	8	49
FAMILY INCOME GE 9999								
PERCENT	-0.00	50.00	-0.00	12.50	9.52	10.00	12.50	10.20
CHILDS ETHNICITY								
PERCENT WHITE	54.55	40.00	0.00	50.00	7.14	6.90	9.09	7.35
PERCENT BLACK	45.45	60.00	0.00	50.00	89.29	82.76	72.73	83.82
CHILDS SEX								
PERCENT FEMALE	72.73	40.00	0.00	62.50	50.00	51.72	63.64	52.94
ENTRY AGE IN MONTHS								
MEAN	62.55	67.89	0.00	64.18	61.65	62.39	63.66	62.29
STANDARD DEVIATION	3.49	3.25	0.00	4.20	3.57	4.77	4.72	4.30
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	0.00	100.00	100.00	89.66	90.91	94.12
MOTHERS EDUCATION IN YEARS								
MEAN	10.57	12.97	0.00	11.26	11.82	12.11	11.72	11.92
STANDARD DEVIATION	2.53	2.86	0.00	2.65	1.77	2.55	1.06	1.87
NUMBER	5	2	0	7	20	19	8	47
PERCENT HS GRAD	40.00	50.00	0.00	42.86	50.00	52.63	37.50	48.94
FEMALE HEADED HOUSEHOLD								
PERCENT	16.67	0.00	0.00	12.50	38.10	55.00	37.50	44.90
NUMBER	6	2	0	8	21	20	8	49
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	68.75	100.00	0.00	0.00	41.18
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	31.25	0.00	100.00	0.00	42.65
PERCENT NO PRESCHOOL	0.00	0.00	0.00	0.00	0.00	0.00	100.00	16.18

Table F16-(10)-IIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR PARENT EDUCATION MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	88	57	26	171	74	76	47	197
WORD KNOWLEDGE								
MEAN	18.11	28.00	24.85	22.43	14.81	24.97	23.57	20.82
STANDARD DEVIATION	10.28	13.05	10.40	12.13	10.95	12.52	13.03	12.73
SPELLING								
MEAN	12.77	21.04	19.31	16.52	9.38	17.21	15.00	13.74
STANDARD DEVIATION	12.22	12.85	14.36	13.28	10.56	13.19	13.01	12.78
LANGUAGE								
MEAN	15.05	22.30	19.73	18.18	12.68	19.59	19.17	16.89
STANDARD DEVIATION	7.41	10.05	9.34	9.24	6.30	10.37	10.45	9.63
RAVENS								
MEAN	17.49	20.98	19.35	18.94	14.72	18.54	19.55	17.35
STANDARD DEVIATION	7.68	7.85	6.78	7.73	6.87	7.51	8.33	7.73
READING								
MEAN	17.41	21.00	19.54	18.93	17.45	18.80	17.51	17.98
STANDARD DEVIATION	5.06	4.73	4.46	5.10	4.75	5.42	5.77	5.28
MATH CONCEPTS								
MEAN	15.92	22.11	18.85	18.43	14.41	19.51	17.87	17.19
STANDARD DEVIATION	7.24	9.29	8.15	8.54	6.95	8.27	9.25	8.31
MATH COMPUTATIONS								
MEAN	15.42	21.54	19.35	18.06	12.89	18.08	18.26	16.17
STANDARD DEVIATION	7.91	9.40	7.48	8.79	7.71	8.31	8.95	8.59
MATH PROBLEM SOLVING								
MEAN	13.03	17.89	15.69	15.06	11.26	14.62	15.09	13.47
STANDARD DEVIATION	6.50	8.51	7.61	7.67	6.36	6.86	7.62	7.05
COOPERSMITH								
MEAN	35.56	37.82	35.81	36.35	34.45	37.01	35.11	35.59
STANDARD DEVIATION	6.87	7.42	7.08	7.12	7.54	7.47	8.21	7.73
IARS(-)								
MEAN	9.31	9.60	9.19	9.39	9.61	9.63	9.98	9.63
STANDARD DEVIATION	2.77	3.22	3.63	3.03	2.90	3.19	2.91	3.04
IARS(+)								
MEAN	12.40	13.18	13.46	12.82	12.14	12.78	12.96	12.58
STANDARD DEVIATION	2.81	2.42	2.10	2.61	2.43	2.47	2.65	2.51
TOTAL READING								
MEAN	34.03	50.11	43.69	40.86	29.22	44.22	41.45	37.92
STANDARD DEVIATION	16.78	21.72	17.80	20.00	16.33	20.51	21.81	20.46
TOTAL MATH								
MEAN	45.94	60.42	54.38	52.05	38.86	51.24	52.89	46.98
STANDARD DEVIATION	20.58	24.59	19.93	22.76	18.95	21.18	23.41	21.78
LANGUAGE PART A								
MEAN	6.75	9.25	9.23	7.96	5.78	7.84	7.70	7.04
STANDARD DEVIATION	3.35	3.91	3.39	3.75	3.12	4.11	3.52	3.73
LANGUAGE PART B								
MEAN	8.3	13.05	10.50	10.22	6.50	11.75	11.47	9.91
STANDARD DEVIATION	5.01	7.10	7.33	6.48	4.70	7.49	7.71	6.90

Table F17-(10)-IIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-FF PRESCHOOL SAMPLE
FOR PARENT EDUCATION MODEL IN JONESBORO, AR

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	34	32	14	80	12	24	18	54
WORD KNOWLEDGE								
MEAN	23.82	33.00	29.64	28.51	26.58	34.06	32.67	31.93
STANDARD DEVIATION	10.45	10.57	10.41	11.19	11.52	6.58	10.78	10.36
SPELLING								
MEAN	20.29	25.63	25.86	23.40	21.42	26.29	23.28	24.20
STANDARD DEVIATION	10.85	11.13	13.00	11.52	13.44	9.23	11.97	11.16
LANGUAGE								
MEAN	19.65	26.25	23.57	22.97	15.83	28.33	26.89	25.46
STANDARD DEVIATION	8.76	9.32	10.85	9.73	9.[illegible]	10.84	9.86	10.50
RAVENS								
MEAN	22.91	24.38	22.57	23.44	22.83	23.79	25.78	24.24
STANDARD DEVIATION	6.57	6.29	5.83	6.30	4.75	5.96	5.99	5.45
READING								
MEAN	18.74	22.28	20.79	20.51	20.17	22.12	20.94	21.30
STANDARD DEVIATION	4.65	4.55	3.93	4.73	5.7[illegible]	3.93	4.41	4.51
MATH CONCEPTS								
MEAN	20.12	25.53	22.79	22.75	21.92	26.12	24.50	24.65
STANDARD DEVIATION	7.56	8.98	8.76	8.62	8.71	7.40	7.54	7.62
MATH COMPUTATIONS								
MEAN	20.29	24.62	22.93	22.49	20.67	25.58	25.17	24.31
STANDARD DEVIATION	5.49	8.43	6.74	7.92	8.05	6.35	5.77	6.75
MATH PROBLEM SOLVING								
MEAN	16.71	20.97	18.86	18.79	16.75	19.58	20.39	19.19
STANDARD DEVIATION	6.9[illegible]	7.68	8.09	7.59	7.53	5.68	7.59	6.06
COOPERSMITH								
MEAN	37.53	39.09	37.07	38.07	37.5[illegible]	37.06	35.50	37.[illegible]4
STANDARD DEVIATION	5.95	7.64	6.04	6.67	6.35	7.32	8.69	7.56
IARS(-)								
MEAN	10.29	10.50	10.36	10.39	10.75	11.29	11.33	11.19
STANDARD DEVIATION	2.15	3.04	3.27	2.71	2.83	2.69	2.52	2.63
IARS(+)								
MEAN	13.71	13.78	14.43	13.86	13.67	13.62	14.06	13.78
STANDARD DEVIATION	1.80	1.86	1.55	1.78	1.87	2.45	2.75	2.41
TOTAL READING								
MEAN	43.94	58.53	52.43	51.26	48.5[illegible]	61.08	57.17	56.48
STANDARD DEVIATION	17.09	19.01	18.03	19.03	15.09	15.53	17.09	17.26
TOTAL MATH								
MEAN	59.91	69.97	64.36	64.71	63.75	68.79	71.33	67.74
STANDARD DEVIATION	19.13	21.29	18.43	20.19	15.06	16.73	17.04	17.53
LANGUAGE PART A								
MEAN	8.74	10.56	10.21	9.70	8.42	10.62	11.22	9.91
STANDARD DEVIATION	3.21	2.94	3.26	3.19	2.57	3.13	2.16	2.79
LANGUAGE PART B								
MEAN	10.96	15.75	13.36	13.27	11.42	17.02	16.67	15.66
STANDARD DEVIATION	6.62	7.13	8.56	7.43	7.57	8.54	8.49	8.56

Table F17-(10)-IIEF (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR PARENT EDUCATION MODEL IN CHATTANOOGA, TN

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	43	2[illegible]	12	75	34	23	18	75
WORD KNOWLEDGE								
MEAN	14.33	20.9[illegible]	19.25	16.87	11.97	20.61	15.44	15.45
STANDARD DEVIATION	7.31	13.52	7.36	9.71	6.01	11.19	9.83	9.72
SPELLING								
MEAN	6.51	15.4[illegible]	11.67	9.71	4.21	8.13	7.17	6.12
STANDARD DEVIATION	8.87	13.34	12.27	11.31	5.31	9.72	8.76	7.84
LANGUAGE								
MEAN	11.98	17.50	15.25	13.97	10.91	15.00	14.22	12.96
STANDARD DEVIATION	6.44	8.8[illegible]	4.27	6.30	3.64	5.52	6.31	5.26
RAVENS								
MEAN	13.63	16.65	15.58	14.75	12.82	16.35	14.56	14.32
STANDARD DEVIATION	6.16	8.01	5.98	6.72	5.66	7.16	6.28	6.40
READING								
MEAN	16.77	18.85	18.08	17.53	17.03	18.22	16.06	17.16
STANDARD DEVIATION	4.75	4.18	4.76	4.64	4.46	5.04	5.30	4.85
MATH CONCEPTS								
MEAN	12.74	17.6[illegible]	14.25	14.28	12.47	15.65	12.61	13.48
STANDARD DEVIATION	4.99	7.39	4.16	5.92	4.22	7.38	6.98	6.12
MATH COMPUTATIONS								
MEAN	11.67	17.20	15.17	13.71	10.91	14.48	13.33	12.59
STANDARD DEVIATION	6.06	9.57	6.18	7.49	6.53	7.10	7.28	6.96
MATH PROBLEM SOLVING								
MEAN	10.14	14.20	12.00	11.52	10.50	12.17	10.83	11.13
STANDARD DEVIATION	4.32	8.66	5.15	6.07	5.28	6.77	4.77	5.64
COOPERSMITH								
MEAN	34.05	36.55	34.33	34.76	33.85	36.57	33.94	34.71
STANDARD DEVIATION	7.34	7.13	8.14	7.39	7.66	6.67	7.09	7.15
IARS(-)								
MEAN	8.51	8.4[illegible]	7.83	8.37	8.47	10.22	9.56	9.27
STANDARD DEVIATION	2.83	3.44	3.69	3.11	2.93	2.89	2.06	2.80
IARS(+)								
MEAN	11.53	12.15	12.33	11.83	11.70	12.09	12.28	12.00
STANDARD DEVIATION	2.96	3.10	2.15	2.87	2.5[illegible]	2.66	2.67	2.56
TOTAL READING								
MEAN	27.97	38.5[illegible]	33.50	31.15	29.44	36.26	28.06	20.93
STANDARD DEVIATION	11.48	20.15	11.20	14.93	9.42	17.03	16.42	14.96
TOTAL MATH								
MEAN	35.44	48.05	42.75	39.97	34.22	43.00	38.72	38.[illegible]4
STANDARD DEVIATION	14.71	25.17	15.08	18.71	15.23	19.21	16.56	17.04
LANGUAGE PART A								
MEAN	5.47	7.6[illegible]	8.08	6.45	5.12	6.09	6.06	5.64
STANDARD DEVIATION	2.68	4.3[illegible]	3.29	3.43	2.69	3.01	3.26	3.20
LANGUAGE PART B								
MEAN	6.51	9.9[illegible]	7.17	7.52	5.79	8.01	8.17	7.32
STANDARD DEVIATION	2.59	5.66	3.61	4.01	2.17	4.35	3.81	3.60

Table F17-(10)-IIEF (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR PARENT EDUCATION MODEL IN HILLSBOROUGH, FL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	11	5	0	16	28	29	11	68
WORD KNOWLEDGE								
MEAN	15.27	24.4[illegible]	0.00	18.13	13.21	2[illegible].17	22.10	17.69
STANDARD DEVIATION	12.39	13.46	0.00	13.03	10.15	11.67	12.22	11.61
SPELLING								
MEAN	14.[illegible]	14.2[illegible]	0.00	14.06	11.50	16.90	14.27	13.84
STANDARD DEVIATION	14.75	10.99	0.00	13.31	10.83	13.53	13.45	12.56
LANGUAGE								
MEAN	12.82	16.2[illegible]	0.00	13.87	11.75	16.00	14.64	14.[illegible]3
STANDARD DEVIATION	7.87	9.28	0.00	6.44	5.81	8.46	9.76	7.85
RAVENS								
MEAN	15.82	16.60	0.00	16.06	13.54	15.93	17.55	15.21
STANDARD DEVIATION	6.69	6.39	0.00	6.39	6.62	6.86	9.43	7.27
READING								
MEAN	15.82	21.4[illegible]	0.00	17.56	16.79	16.52	14.27	16.26
STANDARD DEVIATION	6.75	5.77	0.00	6.81	4.62	5.55	5.98	5.18
MATH CONCEPTS								
MEAN	15.36	18.20	0.00	16.25	13.54	17.00	15.64	15.33
STANDARD DEVIATION	7.73	10.52	0.00	8.42	6.75	6.18	9.60	7.13
MATH COMPUTATIONS								
MEAN	15.8[illegible]	19.20	0.00	16.31	11.96	14.79	15.00	13.66
STANDARD DEVIATION	8.91	8.53	0.00	8.14	7.63	6.56	8.98	7.21
MATH PROBLEM SOLVING								
MEAN	13.0[illegible]	13.00	0.00	13.00	9.71	12.52	13.36	11.50
STANDARD DEVIATION	7.16	5.10	0.00	6.37	5.76	5.85	6.65	6.05
COOPERSMITH								
MEAN	35.36	34.80	0.00	35.19	33.86	36.59	36.36	35.43
STANDARD DEVIATION	6.65	6.69	0.00	6.44	8.[illegible]1	8.34	9.58	8.39
IARS(-)								
MEAN	9.36	8.60	0.00	9.13	9.96	7.79	8.45	8.74
STANDARD DEVIATION	3.07	1.67	0.00	2.68	2.87	2.92	3.83	3.18
IARS(+)								
MEAN	11.73	13.40	0.00	12.25	11.00	12.62	12.27	12.26
STANDARD DEVIATION	3.35	1.14	0.00	2.91	2.38	2.21	1.95	2.24
TOTAL READING								
MEAN	30.64	42.60	0.00	34.38	26.75	36.59	37.64	32.71
STANDARD DEVIATION	19.43	23.73	0.00	20.85	16.23	17.87	21.19	18.22
TOTAL MATH								
MEAN	43.82	48.80	0.00	45.37	35.21	43.24	45.91	40.37
STANDARD DEVIATION	20.66	16.73	0.00	19.10	17.22	17.20	23.12	18.51
LANGUAGE PART A								
MEAN	5.64	7.80	0.00	6.31	5.46	7.10	6.27	6.29
STANDARD DEVIATION	3.41	5.50	0.00	4.11	3.26	4.12	3.52	3.71
LANGUAGE PART B								
MEAN	7.18	8.40	0.00	7.56	6.52	6.90	8.36	7.05
STANDARD DEVIATION	2.64	5.03	0.00	3.42	3.25	5.27	6.89	4.94

Table F11-(11)-IIK

SUMMARY OF EFFECTS
FOR EDC MODEL IN COHORT II-K,
BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS					
		PBLA[a]			PBPA[b]		
	PRESCHOOL CATEGORY	Head Start	Some Preschool	No Preschool	Head Start	Some Preschool	No Preschool
BASIC SKILLS	Word Knowledge	▨ -	-	▨	▨ -	-	▨ -
	Spelling	▨ -	-	▨	▨ -	-	▨ -
	Language	▨		▨	▨ -	-	▨
	Math Computations	▨ -		▨	▨ -		▨
COGNITIVE CONCEPTUAL SKILLS	Raven's	▨		▨	▨ -		▨
	Reading	▨ -	-	▨	▨ -	-	▨
	Math Concepts	▨		▨	▨ -	-	▨
	Math Problem Solving	▨ -		▨ -	▨ -	-	▨
AFFECTIVE MEASURES	Coopersmith	▨	-	▨	▨	-	▨
	IARS(-)	▨		▨ -	▨ -	-	▨ -
	IARS(+)	▨		▨ -	▨	-	▨ -
	Total Reading	▨ -	-	▨	▨ -	-	▨
	Total Math	▨ -		▨	▨ -	-	▨
	Language Part A	▨		▨	▨ -	-	▨
	Language Part B	▨		▨	▨	-	▨

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:	
+	FT-favoring effect
-	NFT-favoring effect
blank	Null effect
▨	Sample size of less than 30 children in FT and/or NFT

Table F12-(11)-IIK

SUMMARY OF EFFECTS IN COHORT II-K SITES IN THE EDC MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE														
	Philadelphia, PA					Paterson, NJ					Chicago, IL				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge	-	-	-	-	-	-	-	-	-	-				-	-
Spelling	-	-	-	-	-	-	-	-	-	-					-
Language		-		-	-					-				-	-
Math Computations					-				-			-		-	-
Raven's						-				-					
Reading		-	-	-	-	-	-	-	-	-				-	-
Math Concepts		-	-	-	-	-			-	-		-		-	-
Math Problem Solving		-	-		-	-	-	-	-	-		-		-	-
Coopersmith						-			-						
IARS (-)		-	-	-	-	-	-	-	-	-				-	-
IARS (+)		-	-	-	-	-									-
Total Reading	-		-	-	-	-	-	-	-	-				-	-
Total Math			-	-	-	-			-	-			-	-	-
Language Part A						-			-						-
Language Part B		-		-	-	-						-	-	-	+

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(11)-IIK

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT II-K CHILDREN IN THE EDC MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPULATION	SITES							
		All[a]		Philadelphia, PA		Paterson, NJ		Chicago, IL	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT
TOTAL READING									
Third Grade Median	61.0	43.0	51.8	49.3	54.4	44.7	52.8	35.0	48.3
Median Percentile	50	6	22	14	28	8	24	2	12
Grade Equivalent	3.5	2.0	2.6	2.4	2.8	2.1	2.7	1.6	2.3
% 1 Year or More Below Grade Level	20	76	53	63	47	79	38	86	73
TOTAL MATHEMATICS									
Third Grade Median	70.5	50.9	57.7	57.0	61.5	50.2	58.5	45.5	53.2
Median Percentile	50	6	14	12	23	5	14	2	8
Grade Equivalent	3.8	2.3	2.8	2.7	3.1	2.2	2.8	2.0	2.4
% 1 Year or More Below Grade Level	12	69	53	53	40	69	47	86	73
SPELLING									
Third Grade Median	64.0	43.8	53.6	46.7	62.5	44.2	58.2	40.5	40.0
Median Percentile	50	7	22	10	44	7	32	4	4
Grade Equivalent	3.6	2.0	2.6	2.2	3.4	2.0	3.0	1.6	1.6
% 1 Year or More Below Grade Level	22	76	46	60	32	82	32	86	73
LANGUAGE									
Third Grade Median	70.0	52.5	54.2	55.0	55.8	52.2	54.2	50.3	52.7
Median Percentile	50	10	12	14	18	10	12	8	11
Grade Equivalent	4.0	2.3	2.4	2.5	2.6	2.3	2.4	2.1	2.4
% 1 Year or More Below Grade Level	14	87	78	73	66	87	74	100	93

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(11)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR EDC MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	51	50	22	123	23	42	46	111
FALL KINDERGARTEN WRAT								
MEAN	28.67	28.84	28.00	28.62	25.13	28.24	23.72	25.72
STANDARD DEVIATION	13.10	12.92	14.26	13.13	13.18	12.67	15.11	13.86
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.59	14.28	14.52	14.10	12.82	14.09	13.51	13.66
STANDARD DEVIATION	1.47	2.35	2.18	2.11	.80	2.17	1.34	1.70
NUMBER	27	46	21	94	11	35	41	87
FAMILY INCOME IN DOLLARS								
MEAN	5379.31	6032.79	6624.85	5957.76	4107.07	5044.06	4587.47	4687.45
STANDARD DEVIATION	2740.75	2959.44	2664.75	2840.11	2354.46	2267.45	2344.84	2313.41
MEDIAN	6000.00	5500.00	6249.50	5707.92	3125.00	4916.67	4416.83	4500.00
NUMBER	29	46	20	95	14	34	40	88
FAMILY INCOME GE 9999								
PERCENT	0.00	21.74	15.00	13.68	7.14	5.88	2.50	4.55
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	2.38	0.00	.90
PERCENT BLACK	100.00	100.00	100.00	100.00	86.96	92.86	86.96	89.19
CHILDS SEX								
PERCENT FEMALE	35.29	46.00	36.36	39.84	39.13	52.38	47.83	47.75
ENTRY AGE IN MONTHS								
MEAN	66.31	66.52	65.90	66.42	67.43	66.79	67.26	67.11
STANDARD DEVIATION	3.49	3.40	3.35	3.41	3.15	3.31	3.93	3.53
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	86.96	92.68	93.33	91.76
MOTHERS EDUCATION IN YEARS								
MEAN	12.22	12.37	12.07	12.26	9.30	12.06	11.03	11.18
STANDARD DEVIATION	1.38	1.58	1.23	1.44	2.08	1.91	2.10	2.34
NUMBER	29	46	20	95	13	35	41	89
PERCENT HS GRAD	51.72	65.22	50.00	57.89	7.69	45.71	34.15	34.83
FEMALE HEADED HOUSEHOLD								
PERCENT	50.00	41.67	40.00	43.88	64.29	50.00	45.24	50.00
NUMBER	30	48	20	98	14	38	42	94
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	41.46	100.00	0.00	0.00	20.72
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	40.65	0.00	100.00	0.00	37.84
PERCENT NO PRESCHOOL	0.00	0.00	100.00	17.89	0.00	0.00	100.00	41.44

Table F15-(11)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR EDC MODEL IN PHILADELPHIA, PA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	15	34	21	70	9	20	33	62
FALL KINDERGARTEN WRAT								
MEAN	34.00	29.85	29.24	30.69	32.22	31.20	25.48	28.31
STANDARD DEVIATION	13.02	12.99	13.35	13.08	14.28	15.77	14.74	15.08
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.00	13.62	14.60	13.96	0.00	14.87	13.62	14.07
STANDARD DEVIATION	.89	2.04	2.21	2.06	0.00	2.58	1.45	1.99
NUMBER	5	32	20	57	0	16	29	45
FAMILY INCOME IN DOLLARS								
MEAN	5700.00	5827.94	6710.37	6115.91	0.00	5133.27	4944.41	5011.86
STANDARD DEVIATION	2636.29	2877.92	2709.43	2786.09	0.00	2158.43	2399.17	2291.15
MEDIAN	6500.00	5416.83	6500.00	5749.50	0.00	4875.00	4800.40	4821.79
NUMBER	5	32	19	56	0	15	27	42
FAMILY INCOME GE 9999								
PERCENT	0.00	18.75	15.79	16.07	0.00	6.67	3.70	4.76
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	100.00	100.00	77.78	100.00	87.88	90.32
CHILDS SEX								
PERCENT FEMALE	40.00	47.06	38.10	42.86	33.33	40.00	45.45	41.94
ENTRY AGE IN MONTHS								
MEAN	66.08	66.41	65.97	66.21	67.11	66.33	66.75	66.66
STANDARD DEVIATION	3.51	3.23	3.43	3.31	2.27	3.20	2.93	2.90
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	77.78	100.00	93.94	93.55
MOTHERS EDUCATION IN YEARS								
MEAN	11.77	12.20	12.13	12.14	0.00	12.48	11.24	11.68
STANDARD DEVIATION	1.12	1.52	1.24	1.38	0.00	1.39	2.01	1.89
NUMBER	5	32	19	56	0	16	29	45
PERCENT HS GRAD	40.00	56.25	52.63	53.57	0.00	62.50	37.93	46.67
FEMALE HEADED HOUSEHOLD								
PERCENT	80.00	46.88	36.84	46.43	0.00	52.94	44.83	47.83
NUMBER	5	32	19	56	0	17	29	46
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	21.43	100.00	0.00	0.00	14.52
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	48.57	0.00	100.00	0.00	32.26
PERCENT NO PRESCHOOL	0.00	0.00	100.00	30.00	0.00	0.00	100.00	53.23

Table F15-(11)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR EDC MODEL IN PATERSON, NJ

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	23	15	1	39	5	22	7	34
FALL KINDERGARTEN WRAT								
MEAN	28.30	26.73	2.00	27.03	21.80	25.55	22.43	24.35
STANDARD DEVIATION	13.54	13.39	0.00	13.77	15.83	8.51	19.13	12.07
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.78	15.50	13.00	14.75	13.00	13.42	13.43	13.38
STANDARD DEVIATION	1.72	2.56	0.00	2.36	0.00	1.54	1.27	1.37
NUMBER	9	14	1	24	3	19	7	29
FAMILY INCOME IN DOLLARS								
MEAN	4909.09	6730.46	5000.00	5859.84	6399.80	4973.63	4642.86	5128.97
STANDARD DEVIATION	3066.40	3605.22	0.00	3147.27	2274.47	2406.32	2544.84	2408.07
MEDIAN	3166.67	8000.00	5000.00	5500.00	6250.00	5000.00	4000.00	5125.00
NUMBER	11	13	1	25	5	19	7	31
FAMILY INCOME GE 9999								
PERCENT	0.00	30.77	0.00	16.00	20.00	5.26	0.00	6.45
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	4.55	0.00	2.94
PERCENT BLACK	100.00	100.00	100.00	100.00	80.00	86.36	71.43	82.35
CHILDS SEX								
PERCENT FEMALE	39.13	46.67	0.00	41.03	40.00	63.64	71.43	61.76
ENTRY AGE IN MONTHS								
MEAN	67.00	66.99	66.41	66.98	65.52	67.21	69.62	67.52
STANDARD DEVIATION	3.02	3.85	0.00	3.73	4.26	3.42	6.87	4.45
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	80.00	85.71	83.33	84.38
MOTHERS EDUCATION IN YEARS								
MEAN	12.25	12.78	10.95	12.49	8.59	11.70	10.75	11.06
STANDARD DEVIATION	1.03	1.69	0.00	1.44	3.17	2.23	2.53	2.56
NUMBER	11	14	1	26	4	19	7	30
PERCENT HS GRAD	63.64	85.71	0.00	73.08	25.00	31.58	28.57	30.00
FEMALE HEADED HOUSEHOLD								
PERCENT	58.33	33.33	100.00	46.43	20.00	47.62	42.86	42.42
NUMBER	12	15	1	28	5	21	7	33
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	58.97	100.00	0.00	0.00	14.71
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	38.46	0.00	100.00	0.00	64.71
PERCENT NO PRESCHOOL	0.00	0.00	100.00	2.56	0.00	0.00	100.00	20.59

Table F15-(11)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR EDC MODEL IN CHICAGO, IL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	13	1	0	14	9	0	6	15
FALL KINDERGARTEN WRAT								
MEAN	22.46	26.00	0.00	22.71	19.89	0.00	15.50	18.13
STANDARD DEVIATION	9.76	0.00	0.00	9.43	7.34	0.00	11.06	8.91
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.46	0.00	0.00	13.46	12.75	0.00	13.00	12.85
STANDARD DEVIATION	1.56	0.00	0.00	1.56	.46	0.00	.71	.55
NUMBER	13	0	0	13	8	0	5	13
FAMILY INCOME IN DOLLARS								
MEAN	5653.85	3500.00	0.00	5500.00	2933.33	0.00	2916.67	2866.67
STANDARD DEVIATION	2656.03	0.00	0.00	2616.52	1145.64	0.00	1068.49	1076.81
MEDIAN	6000.00	3500.00	0.00	4250.00	2912.50	0.00	2583.33	2687.50
NUMBER	13	1	0	14	9	0	6	15
FAMILY INCOME GE 9999								
PERCENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	0.00	100.00	100.00	0.00	100.00	100.00
CHILDS SEX								
PERCENT FEMALE	23.08	0.00	0.00	21.43	44.44	0.00	33.33	40.00
ENTRY AGE IN MONTHS								
MEAN	66.12	63.09	0.00	65.91	68.60	0.00	67.29	68.08
STANDARD DEVIATION	2.99	0.00	0.00	2.99	3.26	0.00	4.26	3.61
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	0.00	100.00	100.00	0.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	12.36	0.00	0.00	12.36	9.62	0.00	10.16	9.81
STANDARD DEVIATION	1.73	0.00	0.00	1.73	3.03	0.00	2.18	2.68
NUMBER	13	0	0	13	9	0	5	14
PERCENT HS GRAD	46.15	0.00	0.00	46.15	0.00	0.00	20.00	7.14
FEMALE HEADED HOUSEHOLD								
PERCENT	30.77	0.00	0.00	28.57	88.89	0.00	50.00	73.33
NUMBER	13	1	0	14	9	0	6	15
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	92.86	100.00	0.00	0.00	60.00
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	7.14	0.00	0.00	0.00	0.00
PERCENT NO PRESCHOOL	0.00	0.00	0.00	0.00	0.00	0.00	100.00	40.00

Table F16-(11)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR EDC MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	51	50	22	123	23	42	46	111
WORD KNOWLEDGE								
MEAN	14.49	15.98	18.41	15.80	18.57	22.62	20.61	20.95
STANDARD DEVIATION	8.37	8.72	12.35	9.35	9.48	11.92	10.93	11.05
SPELLING								
MEAN	6.45	9.18	12.73	8.68	13.83	20.26	17.15	17.64
STANDARD DEVIATION	9.38	11.05	14.34	11.21	13.14	11.82	13.97	13.12
LANGUAGE								
MEAN	12.22	14.76	16.36	13.98	14.07	17.05	15.26	15.86
STANDARD DEVIATION	6.10	8.51	7.56	7.53	9.06	10.43	8.63	9.40
RAVENS								
MEAN	12.86	15.38	17.82	14.77	15.70	15.69	16.09	15.86
STANDARD DEVIATION	5.53	5.63	8.25	6.35	7.01	6.99	7.65	7.39
READING								
MEAN	17.57	17.44	18.00	17.59	16.70	18.47	14.91	17.53
STANDARD DEVIATION	5.02	5.13	5.01	5.03	4.56	5.16	4.84	4.95
MATH CONCEPTS								
MEAN	12.27	14.46	16.23	13.85	17.43	17.43	15.78	16.75
STANDARD DEVIATION	5.34	7.92	7.87	7.05	5.66	8.14	6.26	6.92
MATH COMPUTATIONS								
MEAN	11.93	13.66	13.86	12.77	13.06	16.14	14.91	15.18
STANDARD DEVIATION	6.23	7.18	9.55	7.32	7.30	8.44	7.21	7.69
MATH PROBLEM SOLVING								
MEAN	9.04	10.86	11.14	10.15	12.22	13.36	12.65	12.83
STANDARD DEVIATION	4.89	5.21	8.07	5.73	6.30	7.65	5.85	6.63
COOPERSMITH								
MEAN	33.29	32.76	37.45	33.82	32.26	37.38	34.24	35.02
STANDARD DEVIATION	7.59	8.82	7.02	8.12	9.62	7.51	8.69	8.49
IARS(-)								
MEAN	7.94	9.00	7.95	8.37	9.48	10.05	9.76	9.81
STANDARD DEVIATION	3.23	3.10	4.13	3.40	3.30	2.65	3.17	2.99
IARS(+)								
MEAN	13.55	13.80	12.45	13.46	14.13	15.52	14.33	14.74
STANDARD DEVIATION	3.75	4.10	5.50	4.27	5.22	2.71	3.38	3.64
TOTAL READING								
MEAN	26.76	30.38	34.64	29.64	36.00	40.05	36.39	37.69
STANDARD DEVIATION	11.93	15.50	19.50	14.99	14.18	19.34	16.50	17.16
TOTAL MATH								
MEAN	33.33	39.90	42.82	37.70	41.07	45.19	43.65	43.86
STANDARD DEVIATION	14.80	15.69	24.40	17.51	19.70	20.98	18.80	19.69
LANGUAGE PART A								
MEAN	5.24	6.66	7.77	6.27	5.01	7.55	6.57	6.80
STANDARD DEVIATION	2.80	3.73	3.70	3.49	3.69	3.30	3.46	3.47
LANGUAGE PART B								
MEAN	6.98	8.98	8.50	7.72	8.96	9.50	8.70	9.05
STANDARD DEVIATION	4.39	5.72	5.35	5.12	6.37	8.16	6.57	7.12

Table F17-(11)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR EDC MODEL IN PHILADELPHIA, PA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	15	34	21	70	9	20	33	62
WORD KNOWLEDGE								
MEAN	17.00	16.58	18.95	17.47	21.67	22.25	21.36	21.69
STANDARD DEVIATION	9.60	8.62	12.38	10.00	12.80	13.76	11.41	12.20
SPELLING								
MEAN	11.27	8.76	13.33	10.67	20.67	21.75	19.15	20.21
STANDARD DEVIATION	12.79	10.94	14.41	12.43	14.55	13.21	14.02	13.66
LANGUAGE								
MEAN	14.87	15.29	16.52	15.57	18.33	19.05	16.58	17.63
STANDARD DEVIATION	8.23	8.99	7.70	8.37	13.33	11.11	9.33	10.43
RAVENS								
MEAN	15.00	16.18	18.24	16.54	16.44	17.50	17.82	17.52
STANDARD DEVIATION	5.38	5.98	8.21	6.67	10.13	7.77	8.13	8.19
READING								
MEAN	19.20	17.94	18.43	18.36	18.56	17.90	17.88	17.98
STANDARD DEVIATION	4.75	5.01	4.71	4.82	4.07	4.83	4.67	4.58
MATH CONCEPTS								
MEAN	14.73	15.68	16.67	15.81	20.89	18.15	16.64	17.74
STANDARD DEVIATION	5.36	7.88	7.78	6.86	6.68	9.86	6.25	7.67
MATH COMPUTATIONS								
MEAN	14.47	14.86	14.10	14.16	16.22	17.60	16.45	16.79
STANDARD DEVIATION	7.63	7.52	9.73	8.14	9.87	9.94	7.43	8.54
MATH PROBLEM SOLVING								
MEAN	11.00	10.88	11.48	11.09	13.56	13.75	13.42	13.55
STANDARD DEVIATION	6.75	5.09	8.10	6.38	8.68	9.60	6.57	7.82
COOPERSMITH								
MEAN	35.13	33.21	37.62	34.94	32.78	37.30	35.91	35.90
STANDARD DEVIATION	7.03	9.35	7.15	8.39	6.80	8.08	6.91	7.31
TARS(-)								
MEAN	8.73	9.09	7.81	8.63	10.22	9.80	9.91	9.92
STANDARD DEVIATION	4.22	3.39	4.18	3.80	4.68	2.76	3.36	3.35
TARS(+)								
MEAN	14.33	13.38	12.14	13.21	14.89	15.25	14.94	15.03
STANDARD DEVIATION	4.73	4.75	5.43	4.95	5.78	2.86	3.43	3.62
TOTAL READING								
MEAN	32.53	32.18	35.62	33.29	42.56	40.40	38.00	39.44
STANDARD DEVIATION	14.08	14.58	19.42	15.92	18.32	23.23	16.95	19.12
TOTAL MATH								
MEAN	40.47	41.12	43.81	41.79	46.22	48.85	47.70	47.85
STANDARD DEVIATION	16.39	16.10	24.56	19.21	27.58	25.58	20.08	22.71
LANGUAGE PART A								
MEAN	6.33	7.03	8.05	7.19	7.33	8.10	7.24	7.53
STANDARD DEVIATION	3.11	3.84	3.65	3.64	4.66	3.70	3.30	3.60
LANGUAGE PART B								
MEAN	8.53	8.26	8.48	8.39	11.00	10.95	9.33	10.10
STANDARD DEVIATION	6.00	5.88	5.46	5.70	9.45	8.35	7.43	7.94

Table F17-(11)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR EDC MODEL IN PATERSON, NJ

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	23	15	1	39	5	22	7	34
WORD KNOWLEDGE								
MEAN	13.03	15.67	7.00	14.36	21.20	22.95	23.00	22.71
STANDARD DEVIATION	7.39	8.89	7.43	7.94	7.66	10.30	10.72	9.80
SPELLING								
MEAN	3.37	10.67	0.00	6.21	17.20	18.91	15.43	17.96
STANDARD DEVIATION	5.40	11.76	7.43	8.99	12.68	10.53	11.75	10.82
LANGUAGE								
MEAN	11.78	14.00	13.00	12.67	11.40	15.23	12.57	14.15
STANDARD DEVIATION	5.13	7.57	7.43	6.11	5.41	9.67	6.80	8.59
RAVENS								
MEAN	12.74	13.67	9.00	13.00	15.40	14.05	11.43	13.71
STANDARD DEVIATION	5.48	4.65	7.43	5.10	7.02	5.89	4.43	5.77
READING								
MEAN	16.39	16.27	9.00	16.15	14.80	19.36	15.57	17.91
STANDARD DEVIATION	5.31	5.55	7.43	5.39	4.66	5.46	4.35	5.40
MATH CONCEPTS								
MEAN	11.39	11.73	7.00	11.41	15.80	16.77	15.14	16.29
STANDARD DEVIATION	6.40	9.57	7.43	7.18	4.87	6.36	7.22	6.21
MATH COMPUTATIONS								
MEAN	11.32	13.07	9.00	12.05	13.80	14.82	11.71	14.03
STANDARD DEVIATION	6.77	6.71	7.43	6.02	7.56	6.75	6.42	6.71
MATH PROBLEM SOLVING								
MEAN	8.35	11.07	4.00	9.28	11.40	13.00	10.71	12.29
STANDARD DEVIATION	4.10	5.75	7.43	4.97	6.11	5.53	3.59	5.23
COOPERSMITH								
MEAN	33.70	31.80	34.00	32.97	40.60	37.45	31.14	36.62
STANDARD DEVIATION	7.47	8.04	7.43	7.55	4.62	7.14	13.66	8.86
TABS(-)								
MEAN	7.74	8.87	11.00	8.26	9.20	10.27	10.00	10.04
STANDARD DEVIATION	2.97	2.90	7.43	2.95	1.64	2.59	3.32	2.59
TABS(+)								
MEAN	13.30	14.60	19.00	13.95	13.60	15.77	14.00	15.09
STANDARD DEVIATION	3.23	2.61	7.43	3.12	4.39	2.60	2.77	2.99
TOTAL READING								
MEAN	25.22	27.40	14.00	25.77	37.00	39.73	38.14	39.00
STANDARD DEVIATION	9.10	17.60	7.43	12.99	12.45	15.56	17.34	15.12
TOTAL MATH								
MEAN	32.01	37.80	22.00	34.33	40.60	41.86	33.86	40.03
STANDARD DEVIATION	13.00	15.36	7.43	14.33	19.18	15.58	13.33	15.55
LANGUAGE PART A								
MEAN	4.78	6.07	2.00	5.21	6.40	7.05	5.63	6.62
STANDARD DEVIATION	2.70	3.51	7.43	3.07	2.88	2.89	3.91	3.08
LANGUAGE PART B								
MEAN	7.00	7.93	11.00	7.46	5.20	8.18	7.14	7.53
STANDARD DEVIATION	3.44	5.64	7.43	4.37	3.19	7.94	4.26	6.77

Table F17-(11)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR EDC MODEL IN CHICAGO, IL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	13	1	0	14	9	0	6	15
WORD KNOWLEDGE								
MEAN	12.08	3.00	0.00	11.43	14.00	0.00	13.67	13.87
STANDARD DEVIATION	7.90	7.96	0.00	8.03	3.96	0.00	5.75	4.55
SPELLING								
MEAN	6.00	1.00	0.00	5.64	5.11	0.00	9.17	6.33
STANDARD DEVIATION	8.77	7.96	0.00	8.53	6.11	0.00	14.29	9.83
LANGUAGE								
MEAN	9.92	7.00	0.00	9.71	13.22	0.00	11.17	12.40
STANDARD DEVIATION	3.00	7.96	0.00	3.60	3.19	0.00	4.02	3.56
RAVENS								
MEAN	10.62	14.00	0.00	10.86	15.11	0.00	12.00	13.87
STANDARD DEVIATION	4.99	7.96	0.00	4.88	6.60	0.00	3.10	5.55
READING								
MEAN	17.77	18.00	0.00	17.79	15.89	0.00	13.17	14.80
STANDARD DEVIATION	4.57	7.96	0.00	4.39	6.78	0.00	4.83	4.83
MATH CONCEPTS								
MEAN	10.77	11.00	0.00	10.79	14.89	0.00	11.83	13.67
STANDARD DEVIATION	4.27	7.96	0.00	4.10	3.06	0.00	4.02	3.68
MATH COMPUTATIONS								
MEAN	7.77	9.00	0.00	7.86	11.78	0.00	10.17	11.13
STANDARD DEVIATION	2.03	7.96	0.00	2.74	3.03	0.00	2.79	2.95
MATH PROBLEM SOLVING								
MEAN	8.00	7.00	0.00	7.93	11.33	0.00	10.67	11.07
STANDARD DEVIATION	2.77	7.96	0.00	2.67	3.43	0.00	1.75	2.81
COOPERSMITH								
MEAN	30.90	32.00	0.00	30.57	27.11	0.00	28.67	27.73
STANDARD DEVIATION	7.70	7.96	0.00	7.66	9.65	0.00	9.03	9.11
TARS(-)								
MEAN	7.38	8.00	0.00	7.43	8.89	0.00	8.67	8.80
STANDARD DEVIATION	2.29	7.96	0.00	2.21	2.37	0.00	1.86	2.11
TARS(+)								
MEAN	13.08	16.00	0.00	13.29	13.67	0.00	11.33	12.73
STANDARD DEVIATION	3.48	7.96	0.00	3.43	5.55	0.00	2.25	4.56
TOTAL READING								
MEAN	22.85	14.00	0.00	22.21	28.89	0.00	25.50	27.53
STANDARD DEVIATION	9.82	7.96	0.00	9.73	5.84	0.00	9.20	7.26
TOTAL MATH								
MEAN	26.38	30.00	0.00	26.64	38.22	0.00	32.83	36.07
STANDARD DEVIATION	8.12	7.96	0.00	7.86	9.27	0.00	2.40	7.66
LANGUAGE PART A								
MEAN	4.77	3.00	0.00	4.64	4.22	0.00	4.17	4.20
STANDARD DEVIATION	2.42	7.96	0.00	2.37	2.44	0.00	2.79	2.48
LANGUAGE PART B								
MEAN	5.15	4.00	0.00	5.07	9.00	0.00	7.00	8.20
STANDARD DEVIATION	2.08	7.96	0.00	2.79	1.94	0.00	1.79	2.08

Table F11-(11)-IIEF

SUMMARY OF EFFECTS
FOR EDC MODEL IN COHORT II-EF,
BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	PRESCHOOL CATEGORY	ANALYSIS					
			PBLA[a]			PBPA[b]		
			Head Start	Some Preschool	No Preschool	Head Start	Some Preschool	No Preschool
BASIC SKILLS	Word Knowledge			-	▨ -			▨ -
	Spelling				▨ -			▨ -
	Language				▨			▨ -
	Math Computations				▨ -	-		▨ -
COGNITIVE CONCEPTUAL SKILLS	Raven's				▨			▨
	Reading			-	▨ -		-	▨ -
	Math Concepts				▨			▨ -
	Math Problem Solving				▨ -			▨ -
AFFECTIVE MEASURES	Coopersmith				▨			▨
	IARS(-)				▨			▨ -
	IARS(+)			-	▨			▨ -
	Total Reading			-	▨ -		-	▨ -
	Total Math				▨ -			▨ -
	Language Part A				▨ -	+		▨ -
	Language Part B				▨			▨ -

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:	
+	FT-favoring effect
-	NFT-favoring effect
blank	Null effect
▨	Sample size of less than 30 children in FT and/or NFT

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Table F12-(11)-IIEF

SUMMARY OF EFFECTS IN COHORT II-EF SITES IN THE EDC MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE									
	Laurel, DE					Johnston Co., NC				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge	–		–			–		–	▨	–
Spelling						–			▨	
Language								▨	▨	–
Math Computations						–		–	▨ –	–
Raven's								▨	▨	
Reading	–		–	–	–	–		–	▨	–
Math Concepts						–		–	▨	–
Math Problem Solving						–		–	▨	–
Coopersmith						–		–	▨	–
IARS (-)						–				–
IARS (+)	–		–	–	–	–			▨	–
Total Reading	–		–	–		–		–	▨	–
Total Math						–		–	▨ –	–
Language Part A						–			▨ +	–
Language Part B								▨	▨	

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(11)-IIEF

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT III-EF CHILDREN IN THE EDC MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPULATION	SITES					
		All[a]		Laurel, DE		Johnston Co., NC	
		FT	NFT	FT	NFT	FT	NFT
TOTAL READING							
Third Grade Median	61.0	52.8	60.7	54.6	61.7	50.9	59.7
Median Percentile	50	24	50	30	54	20	46
Grade Equivalent	3.5	2.7	3.5	2.9	3.6	2.5	3.4
% 1 Year or More Below Grade Level	20	46	22	36	23	56	22
TOTAL MATHEMATICS							
Third Grade Median	70.5	61.3	70.6	66.2	68.8	56.4	72.3
Median Percentile	50	20	52	34	44	11	56
Grade Equivalent	3.8	3.0	3.8	3.4	3.6	2.6	3.9
% 1 Year or More Below Grade Level	12	42	20	28	21	55	19
SPELLING							
Third Grade Median	64.0	57.5	63.3	61.8	65.1	53.2	61.5
Median Percentile	50	32	48	44	54	20	44
Grade Equivalent	3.6	3.0	3.5	3.4	3.7	2.6	3.4
% 1 Year or More Below Grade Level	22	44	25	35	30	54	20
LANGUAGE							
Third Grade Median	70.0	58.1	63.2	59.8	63.2	56.4	63.2
Median Percentile	50	22	32	26	32	18	32
Grade Equivalent	4.0	2.8	3.2	3.0	3.2	2.6	3.2
% 1 Year or More Below Grade Level	14	65	41	55	43	75	39

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(11)-IIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR EDC MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	96	82	17	195	27	108	38	173
FALL KINDERGARTEN WRAT								
MEAN	33.26	39.43	26.76	35.29	33.56	45.31	40.37	42.39
STANDARD DEVIATION	10.14	8.61	8.85	10.17	12.62	11.07	8.43	12.13
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.01	14.77	13.12	13.74	13.93	15.65	14.55	15.13
STANDARD DEVIATION	1.30	1.89	.99	1.76	2.00	2.23	2.01	2.25
NUMBER	78	65	17	160	27	106	38	171
FAMILY INCOME IN DOLLARS								
MEAN	4198.71	7958.64	4874.94	5748.23	6703.56	8398.48	6756.94	7757.39
STANDARD DEVIATION	2204.36	2298.74	2747.60	2907.64	2171.52	2387.96	2601.70	2521.51
MEDIAN	4138.89	8666.33	4750.00	5778.22	6500.00	9754.49	7333.67	8655.94
NUMBER	78	61	16	155	27	99	35	161
FAMILY INCOME GE 9999								
PERCENT	1.28	37.70	6.25	16.13	14.81	50.51	20.00	37.89
CHILDS ETHNICITY								
PERCENT WHITE	38.54	90.24	76.47	63.59	37.04	92.59	89.47	83.24
PERCENT BLACK	61.46	7.32	23.53	35.38	62.96	5.56	10.53	15.61
CHILDS SEX								
PERCENT FEMALE	55.21	54.88	35.29	53.33	48.15	49.07	36.84	46.24
ENTRY AGE IN MONTHS								
MEAN	65.08	62.89	65.61	64.21	63.62	63.88	66.77	64.48
STANDARD DEVIATION	3.67	3.64	4.01	3.84	4.12	3.84	4.45	4.18
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.58	12.03	9.50	11.07	10.89	12.72	11.43	12.16
STANDARD DEVIATION	2.27	1.98	3.27	2.43	2.36	2.40	1.98	2.41
NUMBER	74	65	17	156	25	105	36	166
PERCENT HS GRAD	28.38	53.85	29.41	39.10	32.00	67.62	44.44	57.23
FEMALE HEADED HOUSEHOLD								
PERCENT	35.90	10.77	17.65	23.75	18.52	12.15	13.16	13.37
NUMBER	78	65	17	160	27	107	38	172
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	49.23	100.00	0.00	0.00	15.61
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	42.05	0.00	100.00	0.00	62.43
PERCENT NO PRESCHOOL	0.00	0.00	100.00	8.72	0.00	0.00	100.00	21.97

Table F16-(11)-IIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-FF PRESCHOOL SAMPLE
FOR FDC MODEL IN LAUREL, DE

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	30	76	0	106	21	93	0	114
FALL KINDERGARTEN WRAT								
MEAN	33.23	40.05	0.00	38.12	34.47	45.32	0.00	43.36
STANDARD DEVIATION	10.48	8.11	0.00	9.32	12.89	12.38	0.00	13.49
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.30	14.98	0.00	14.45	13.62	15.66	0.00	15.28
STANDARD DEVIATION	1.35	1.84	0.00	1.87	1.72	2.28	0.00	2.32
NUMBER	27	59	0	86	21	92	0	113
FAMILY INCOME IN DOLLARS								
MEAN	4763.67	8299.58	0.00	7115.56	6928.43	8666.11	0.00	8326.23
STANDARD DEVIATION	2531.49	1982.43	0.00	2751.01	2180.88	2214.08	0.00	2302.40
MEDIAN	5333.33	9166.33	0.00	7375.25	7000.00	9796.28	0.00	9562.37
NUMBER	27	55	0	82	21	87	0	108
FAMILY INCOME GE 9999								
PERCENT	3.70	41.82	-0.00	29.27	14.29	55.17	-0.00	47.22
CHILDS ETHNICITY								
PERCENT WHITE	16.67	94.74	0.00	72.64	33.33	91.40	0.00	80.70
PERCENT BLACK	83.33	2.63	0.00	25.47	66.67	6.45	0.00	17.54
CHILDS SEX								
PERCENT FEMALE	53.33	52.63	0.00	52.83	52.38	50.54	0.00	50.88
ENTRY AGE IN MONTHS								
MEAN	63.27	62.54	0.00	62.74	63.56	63.67	0.00	63.65
STANDARD DEVIATION	3.39	3.50	0.00	3.47	4.29	3.78	0.00	3.86
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	0.00	100.00	100.00	100.00	0.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.02	12.16	0.00	11.81	10.94	12.01	0.00	12.55
STANDARD DEVIATION	1.99	1.86	0.00	1.96	2.23	2.28	0.00	2.39
NUMBER	26	59	0	85	20	90	0	110
PERCENT HS GRAD	26.92	55.93	0.00	47.06	30.00	71.11	0.00	63.64
FEMALE HEADED HOUSEHOLD								
PERCENT	40.74	10.17	0.00	19.77	23.81	10.87	0.00	13.27
NUMBER	27	59	0	86	21	92	0	113
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	28.30	100.00	0.00	0.00	18.42
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	71.70	0.00	100.00	0.00	81.58
PERCENT NO PRESCHOOL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table F15-(11)-IIEF (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-FF PRESCHOOL SAMPLE
FOR EDC MODEL IN JOHNSTON CO., NC

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	66	6	17	89	6	15	38	59
FALL KINDERGARTEN WRAT								
MEAN	33.27	31.50	26.76	31.91	29.67	45.27	40.37	40.53
STANDARD DEVIATION	10.06	11.55	8.85	10.15	11.83	9.41	8.43	9.86
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.86	12.67	13.12	12.91	15.00	15.57	14.55	14.84
STANDARD DEVIATION	1.27	.52	.99	1.16	2.68	1.05	2.01	2.08
NUMBER	51	6	17	74	6	14	38	58
FAMILY INCOME IN DOLLARS								
MEAN	3931.37	4833.33	4874.94	4212.32	5916.67	6458.17	6756.94	6594.15
STANDARD DEVIATION	1984.99	2822.53	2747.60	2246.75	2130.74	2799.59	2601.70	2566.15
MEDIAN	4000.00	3750.00	4750.00	4075.00	5000.00	6749.50	7333.67	6812.87
NUMBER	51	6	16	73	6	12	35	53
FAMILY INCOME GE 9999								
PERCENT	-0.00	-0.00	6.25	1.37	16.67	16.67	20.00	18.87
CHILDS ETHNICITY								
PERCENT WHITE	48.48	33.33	76.47	52.81	50.00	100.00	89.47	88.14
PERCENT BLACK	51.52	66.67	23.53	47.19	50.00	0.00	10.53	11.86
CHILDS SEX								
PERCENT FEMALE	56.06	83.33	35.29	53.93	33.33	40.00	36.84	37.29
ENTRY AGE IN MONTHS								
MEAN	65.96	67.37	65.61	65.95	63.83	65.20	66.77	66.17
STANDARD DEVIATION	3.51	2.12	4.01	3.53	3.72	4.06	4.65	4.34
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.34	10.72	9.50	10.17	10.67	11.54	11.43	11.39
STANDARD DEVIATION	2.4[illegible]	2.77	3.27	2.65	3.09	2.79	1.98	2.29
NUMBER	48	6	17	71	5	15	36	56
PERCENT HS GRAD	29.17	33.33	29.41	29.58	40.00	46.67	44.44	44.64
FEMALE HEADED HOUSEHOLD								
PERCENT	33.33	16.67	17.65	28.38	0.00	20.00	13.16	13.56
NUMBER	51	6	17	74	6	15	38	59
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	74.16	100.00	0.00	0.00	10.17
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	6.74	0.00	100.00	0.00	25.42
PERCENT NO PRESCHOOL	0.00	0.00	100.00	19.10	0.00	0.00	100.00	64.41

Table F16-(11)-IIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR EDC MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	96	82	17	195	27	108	38	173
WORD KNOWLEDGE								
MEAN	19.96	24.22	16.59	21.46	22.89	31.21	30.11	29.67
STANDARD DEVIATION	8.28	11.93	4.47	10.85	11.84	12.05	11.29	12.94
SPELLING								
MEAN	14.86	19.15	7.41	15.62	16.67	22.54	23.92	21.92
STANDARD DEVIATION	11.83	12.27	7.12	12.16	12.65	13.09	12.96	13.52
LANGUAGE								
MEAN	14.82	20.50	14.41	16.78	14.81	22.69	22.58	21.44
STANDARD DEVIATION	5.34	9.76	4.05	8.08	7.26	10.82	9.79	10.46
RAVENS								
MEAN	16.52	21.28	13.59	18.27	18.48	23.47	24.26	22.87
STANDARD DEVIATION	5.84	7.68	4.12	7.07	7.86	8.66	8.78	8.73
READING								
MEAN	17.18	20.29	10.06	18.65	17.52	21.50	22.29	21.05
STANDARD DEVIATION	5.17	4.23	3.93	4.91	4.49	3.96	4.86	4.36
MATH CONCEPTS								
MEAN	14.76	18.87	14.35	16.45	17.07	24.24	22.88	22.85
STANDARD DEVIATION	5.76	8.16	5.13	7.11	7.29	9.43	8.32	9.28
MATH COMPUTATIONS								
MEAN	14.59	18.43	13.82	16.34	16.59	21.32	21.50	20.62
STANDARD DEVIATION	6.47	7.71	4.72	7.14	8.01	9.17	8.23	6.92
MATH PROBLEM SOLVING								
MEAN	12.43	15.90	8.53	13.55	13.73	19.08	18.76	18.17
STANDARD DEVIATION	5.19	6.95	3.54	6.29	6.86	8.45	7.48	8.20
COOPERSMITH								
MEAN	34.58	38.71	33.76	36.25	38.33	38.85	38.47	38.68
STANDARD DEVIATION	6.77	7.09	5.96	7.13	7.31	7.85	7.87	7.73
IARS(-)								
MEAN	9.07	10.82	8.94	9.79	9.76	10.78	10.53	10.51
STANDARD DEVIATION	2.81	2.48	2.63	2.79	2.58	2.01	2.71	2.82
IARS(+)								
MEAN	12.28	13.29	12.12	12.69	13.33	13.04	13.76	13.80
STANDARD DEVIATION	2.80	2.11	3.28	2.61	2.39	1.96	2.27	2.09
TOTAL READING								
MEAN	34.72	43.09	30.94	37.91	39.06	55.45	52.18	52.32
STANDARD DEVIATION	12.72	19.14	7.69	16.05	17.49	20.84	19.15	20.83
TOTAL MATH								
MEAN	43.54	55.61	35.94	47.95	48.70	63.08	64.53	61.66
STANDARD DEVIATION	15.48	20.85	9.82	18.81	21.20	24.06	22.13	24.28
LANGUAGE PART A								
MEAN	6.92	9.06	5.65	7.71	7.85	10.01	9.63	9.59
STANDARD DEVIATION	3.25	3.29	2.45	3.39	4.37	3.34	3.42	3.60
LANGUAGE PART B								
MEAN	7.19	11.46	8.76	9.07	6.54	12.40	12.95	11.85
STANDARD DEVIATION	3.38	7.49	2.77	5.82	4.74	8.42	7.27	8.19

Table F17-(11)-IIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-FK PRESCHOOL SAMPLE
FOR EDC MODEL IN LAUREL, DE

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	30	76	0	106	21	93	0	114
WORD KNOWLEDGE								
MEAN	19.60	25.18	0.00	23.60	24.76	30.81	0.00	29.69
STANDARD DEVIATION	8.42	11.47	0.00	10.96	11.6[illegible]	12.16	0.00	12.24
SPELLING								
MEAN	14.20	19.92	0.00	18.30	18.57	22.51	0.00	21.78
STANDARD DEVIATION	12.0[illegible]	12.08	0.00	12.28	13.58	14.36	0.00	14.24
LANGUAGE								
MEAN	12.8[illegible]	21.09	0.00	18.75	15.62	22.54	0.00	21.26
STANDARD DEVIATION	5.49	9.81	0.00	9.55	7.77	10.02	0.00	10.73
RAVENS								
MEAN	19.40	21.91	0.00	21.20	18.71	22.74	0.00	22.00
STANDARD DEVIATION	6.32	7.59	0.00	7.31	8.38	8.43	0.00	8.53
READING								
MEAN	16.53	20.78	0.00	19.58	17.81	21.54	0.00	20.85
STANDARD DEVIATION	5.41	3.96	0.00	4.79	3.74	3.97	0.00	4.17
MATH CONCEPTS								
MEAN	14.77	19.26	0.00	17.99	18.10	24.02	0.00	22.95
STANDARD DEVIATION	6.29	8.24	0.00	7.97	7.38	9.58	0.00	9.46
MATH COMPUTATIONS								
MEAN	14.72	18.92	0.00	17.73	17.62	20.78	0.00	20.20
STANDARD DEVIATION	5.91	7.67	0.00	7.44	8.56	9.32	0.00	9.23
MATH PROBLEM SOLVING								
MEAN	13.07	16.28	0.00	15.37	14.76	18.58	0.00	17.88
STANDARD DEVIATION	5.21	7.04	0.00	6.71	7.[illegible]8	8.53	0.00	8.39
COOPERSMITH								
MEAN	35.47	38.93	0.00	37.95	39.48	38.44	0.00	38.63
STANDARD DEVIATION	7.18	7.05	0.00	7.23	7.92	8.04	0.00	7.84
IARS(-)								
MEAN	10.0[illegible]	10.92	0.00	10.66	10.0[illegible]	10.68	0.00	10.55
STANDARD DEVIATION	2.1[illegible]	2.51	0.00	2.43	2.45	2.89	0.00	2.84
IARS(+)								
MEAN	11.93	13.47	0.00	13.04	13.76	13.92	0.00	13.89
STANDARD DEVIATION	2.77	2.00	0.00	2.33	1.66	1.96	0.00	1.88
TOTAL READING								
MEAN	34.37	44.45	0.00	41.59	42.0[illegible]	54.93	0.00	52.64
STANDARD DEVIATION	13.31	18.79	0.00	17.94	18.22	21.07	0.00	21.[illegible]2
TOTAL MATH								
MEAN	47.17	57.11	0.00	54.29	51.1[illegible]	62.11	0.00	60.08
STANDARD DEVIATION	16.13	20.80	0.00	20.03	22.74	24.87	0.00	24.77
LANGUAGE PART A								
MEAN	6.60	9.25	0.00	8.50	9.1[illegible]	9.92	0.00	9.75
STANDARD DEVIATION	3.2[illegible]	3.26	0.00	3.45	4.11	3.39	0.00	3.53
LANGUAGE PART B								
MEAN	6.22	11.84	0.00	10.25	6.6[illegible]	12.61	0.00	11.51
STANDARD DEVIATION	3.34	7.58	0.00	7.12	5.26	8.73	0.00	8.51

Table F17-(11)-IIEF (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-EF PRESCHOOL SAMPLE
FOR EDC MODEL IN JOHNSTON CO., NC

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	66	6	17	89	6	15	38	59
WORD KNOWLEDGE								
MEAN	20.12	12.00	16.59	18.90	16.33	33.73	30.11	29.63
STANDARD DEVIATION	8.27	11.78	4.47	8.21	5.90	11.41	11.29	11.75
SPELLING								
MEAN	14.03	9.33	7.41	12.43	10.00	22.73	23.92	22.20
STANDARD DEVIATION	11.84	11.08	7.12	11.27	5.12	11.90	12.06	12.11
LANGUAGE								
MEAN	14.58	13.00	14.41	14.44	12.00	23.47	22.58	21.78
STANDARD DEVIATION	5.22	5.18	4.05	4.98	4.20	10.46	9.79	10.12
RAVENS								
MEAN	15.21	13.33	13.59	14.78	17.67	28.00	26.26	24.56
STANDARD DEVIATION	5.15	2.88	4.12	4.87	6.28	9.03	8.78	8.96
READING								
MEAN	17.47	14.17	19.06	17.55	16.83	21.27	22.29	21.44
STANDARD DEVIATION	5.08	2.48	3.93	4.84	7.53	4.03	4.06	4.72
MATH CONCEPTS								
MEAN	14.76	13.83	14.35	14.62	13.17	25.60	22.18	22.07
STANDARD DEVIATION	5.55	5.34	5.13	5.41	5.88	8.59	8.32	8.76
MATH COMPUTATIONS								
MEAN	14.55	12.17	13.82	14.25	13.00	24.67	21.50	21.44
STANDARD DEVIATION	6.76	5.46	4.72	6.31	4.47	7.61	8.23	8.30
MATH PROBLEM SOLVING								
MEAN	12.14	11.17	8.53	11.38	10.00	22.20	18.76	18.75
STANDARD DEVIATION	5.24	3.06	3.54	4.98	4.63	7.48	7.48	7.88
COOPERSMITH								
MEAN	34.18	35.83	33.76	34.21	34.17	41.60	38.47	38.78
STANDARD DEVIATION	6.60	7.65	5.96	6.49	6.11	6.20	7.87	7.49
IARS(-)								
MEAN	8.65	9.50	8.94	8.76	8.83	10.87	10.53	10.44
STANDARD DEVIATION	3.01	1.64	2.63	2.85	2.79	3.16	2.71	2.81
IARS(+)								
MEAN	12.44	11.00	12.12	12.28	11.67	14.00	13.76	13.61
STANDARD DEVIATION	2.82	2.28	3.28	2.87	3.56	2.14	2.27	2.44
TOTAL READING								
MEAN	34.88	25.83	30.94	33.52	25.50	59.33	52.18	51.69
STANDARD DEVIATION	12.55	15.86	7.69	12.16	9.69	19.55	19.15	20.01
TOTAL MATH								
MEAN	41.89	36.67	35.94	40.40	41.67	74.87	66.53	64.73
STANDARD DEVIATION	15.00	9.69	9.82	13.99	13.63	22.58	22.13	23.20
LANGUAGE PART A								
MEAN	7.06	6.67	5.65	6.76	3.83	10.53	9.63	9.27
STANDARD DEVIATION	3.22	2.94	2.45	3.09	2.66	3.39	3.42	3.73
LANGUAGE PART B								
MEAN	7.52	6.33	8.76	7.67	8.17	13.13	12.95	12.51
STANDARD DEVIATION	3.35	3.53	2.77	3.28	1.94	8.16	7.27	7.23

Table F12-(1)-IIK

SUMMARY OF EFFECTS IN COHORT II-K SITES IN THE SELF-SPONSORED MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE																								
	Detroit, MI					New York, NY					Philadelphia, PA					Portland, OR					San Diego, CA				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge				-															+	+				-	
Spelling				-	-					-					-				+	-				-	-
Language				-						-												-	-	-	-
Math Computations					+					-								+	+	+		-	-	-	-
Raven's					-			▨	▨	-														-	-
Reading				-															+	+				-	
Math Concepts	-	-	-	-	-			▨		-					-				+					-	-
Math Problem Solving				-	-			▨		-									+	+				-	-
Coopersmith																				+				-	
IARS (-)																			+	+				-	
IARS (+)																+			+	+				-	
Total Reading				-															+	+				-	
Total Math				-	-			▨		-									+	+			-	-	-
Language Part A					+														+	+		-		-	
Language Part B				-	-		-	-	-	-												-	-	-	-

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(1)-IIK

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT II-K CHILDREN IN THE SELF-SPONSORED MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPU-LATION	SITES											
		All[a]		Detroit, MI		New York, NY		Philadelphia, PA		Portland, OR		San Diego, CA	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT
TOTAL READING													
Third Grade Median	61.0	54.4	55.9	53.2	54.5	56.8	61.4	52.6	54.4	60.5	53.8	49.0	55.2
Median Percentile	50	28	34	24	28	36	50	24	28	46	28	14	30
Grade Equivalent	3.5	2.8	3.0	2.7	2.8	3.1	3.5	2.7	2.8	3.4	2.8	2.4	2.9
% 1 Year or More Below Grade Level	20	36	36	40	35	19	23	44	47	21	36	57	41
TOTAL MATHEMATICS													
Third Grade Median	70.5	61.1	63.1	60.8	62.1	65.8	68.8	55.5	61.5	67.5	60.2	56.0	62.8
Median Percentile	50	20	26	20	23	34	44	11	23	40	18	11	26
Grade Equivalent	3.8	3.0	3.2	3.0	3.1	3.4	3.6	2.6	3.1	3.6	3.0	2.6	3.2
% 1 Year or More Below Grade Level	12	39	33	33	27	25	20	58	40	26	44	53	32
SPELLING													
Third Grade Median	64.0	61.0	62.5	58.2	58.9	65.2	66.8	59.5	62.5	67.8	60.5	54.5	64.0
Median Percentile	50	40	44	32	36	54	60	38	44	64	38	22	50
Grade Equivalent	3.6	3.3	3.4	3.0	3.0	3.7	4.1	3.1	3.4	4.2	3.1	2.6	3.6
% 1 Year or More Below Grade Level	22	35	28	40	24	25	19	35	32	23	33	50	32
LANGUAGE													
Third Grade Median	70.0	56.1	58.0	56.8	58.3	54.5	59.3	55.5	55.8	59.0	56.2	54.6	60.5
Median Percentile	50	18	22	20	22	12	23	18	18	23	18	14	26
Grade Equivalent	4.0	2.6	2.8	2.7	2.8	2.4	2.9	2.6	2.6	2.9	2.6	2.5	3.0
% 1 Year or More Below Grade Level	14	71	64	71	68	69	56	77	66	53	81	87	50

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(1)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SELF-SPONSORED MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	104	86	27	217	79	150	81	310
FALL KINDERGARTEN WRAT								
MEAN	33.29	31.63	23.30	31.39	31.89	33.30	26.88	31.26
STANDARD DEVIATION	14.39	13.08	11.36	13.84	16.19	15.01	13.26	15.08
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.84	14.03	13.00	13.79	14.43	14.10	13.86	14.10
STANDARD DEVIATION	2.36	2.37	1.62	2.28	2.17	2.04	1.84	2.01
NUMBER	67	60	23	150	51	94	73	218
FAMILY INCOME IN DOLLARS								
MEAN	4797.01	4917.95	4541.67	4805.12	5569.90	5833.22	5229.69	5566.73
STANDARD DEVIATION	2623.70	2749.36	2089.92	2587.73	2474.28	2545.40	2427.20	2538.69
MEDIAN	4124.75	4179.60	4850.00	4216.23	5975.25	5357.43	5027.72	5275.45
NUMBER	69	61	24	154	50	93	74	217
FAMILY INCOME GE 9999								
PERCENT	8.70	8.20	0.00	7.14	10.00	11.83	4.05	8.76
CHILDS ETHNICITY								
PERCENT WHITE	6.73	5.81	3.70	5.99	2.53	1.33	7.41	3.23
PERCENT BLACK	73.08	83.72	92.59	79.72	84.81	78.67	81.48	80.97
CHILDS SEX								
PERCENT FEMALE	50.00	56.98	48.15	52.53	50.63	50.00	44.44	48.71
ENTRY AGE IN MONTHS								
MEAN	67.72	67.18	65.67	67.25	66.86	66.62	67.00	66.78
STANDARD DEVIATION	4.20	3.90	3.51	4.04	3.19	3.63	3.23	3.46
PRIMARY LANGUAGE								
PERCENT ENGLISH	87.92	95.35	100.00	93.09	88.61	83.22	93.75	87.34
MOTHERS EDUCATION IN YEARS								
MEAN	12.31	12.03	11.17	12.03	11.70	12.30	11.63	11.93
STANDARD DEVIATION	2.84	2.66	2.15	2.71	2.49	2.49	1.98	2.34
NUMBER	67	59	22	148	51	94	76	221
PERCENT HS GRAD	62.69	52.54	27.27	53.38	54.90	64.89	42.11	54.75
FEMALE HEADED HOUSEHOLD								
PERCENT	51.39	59.38	37.50	52.50	48.15	40.82	44.16	43.67
NUMBER	72	64	24	160	54	98	77	229
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	47.93	100.00	0.00	0.00	25.48
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	39.63	0.00	100.00	0.00	48.39
PERCENT NO PRESCHOOL	0.00	0.00	100.00	12.44	0.00	0.00	100.00	26.13

Table F15-(1)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SELF-SPONSORED MODEL IN DETROIT, MI

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	11	31	0	42	9	9	9	37
FALL KINDERGARTEN WRAT								
MEAN	30.18	26.39	0.00	27.38	27.44	22.05	30.89	25.51
STANDARD DEVIATION	12.18	10.24	0.00	10.77	12.48	8.82	10.68	10.66
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.11	13.20	0.00	13.18	12.43	13.00	13.67	13.00
STANDARD DEVIATION	1.69	1.71	0.00	1.68	.53	1.53	2.66	1.65
NUMBER	9	25	0	34	7	18	6	31
FAMILY INCOME IN DOLLARS								
MEAN	4100.00	4518.52	0.00	4405.41	4333.33	5027.67	5000.00	4890.56
STANDARD DEVIATION	2270.50	2603.55	0.00	2493.99	2503.33	2341.65	3162.28	2519.90
MEDIAN	4250.00	4000.00	0.00	4062.50	3750.00	4750.00	4500.00	4500.00
NUMBER	10	27	0	37	6	18	8	32
FAMILY INCOME GE 9999								
PERCENT	0.00	0.00	0.00	0.00	0.00	11.11	0.00	6.25
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	0.00	100.00	100.00	100.00	100.00	100.00
CHILDS SEX								
PERCENT FEMALE	72.73	51.61	0.00	57.14	77.78	57.89	55.56	62.16
ENTRY AGE IN MONTHS								
MEAN	66.99	67.39	0.00	67.28	68.49	67.07	68.05	67.66
STANDARD DEVIATION	3.79	3.38	0.00	3.45	2.82	3.45	4.95	3.68
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	0.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	12.91	11.41	0.00	11.82	12.41	12.20	11.41	12.03
STANDARD DEVIATION	1.10	2.00	0.00	1.88	1.54	1.42	.90	1.35
NUMBER	11	26	0	37	7	18	9	36
PERCENT HS GRAD	81.82	30.77	0.00	45.95	57.14	50.00	22.22	44.12
FEMALE HEADED HOUSEHOLD								
PERCENT	63.64	70.37	0.00	68.42	66.67	47.37	88.89	62.16
NUMBER	11	27	0	38	9	19	9	37
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	26.19	100.00	0.00	0.00	24.32
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	73.81	0.00	100.00	0.00	51.35
PERCENT NO PRESCHOOL	0.00	0.00	0.00	0.00	0.00	0.00	100.00	24.32

Table F15-(1)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SELF-SPONSORED MODEL IN NEW YORK, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	6	8	2	16	47	89	17	153
FALL KINDERGARTEN WRAT								
MEAN	37.67	43.75	29.00	39.62	35.32	36.28	25.41	34.78
STANDARD DEVIATION	13.63	15.92	22.63	15.49	17.30	15.15	6.97	15.48
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	15.33	16.86	12.50	15.67	14.78	14.03	14.06	14.31
STANDARD DEVIATION	3.14	2.85	.71	3.04	2.17	1.98	2.33	2.13
NUMBER	6	7	2	15	32	38	17	87
FAMILY INCOME IN DOLLARS								
MEAN	6916.17	8199.40	5750.00	7230.31	5328.03	5934.13	4961.12	5517.16
STANDARD DEVIATION	3409.50	3651.51	3181.98	3192.11	2737.30	2557.77	2269.79	2574.84
MEDIAN	5500.00	9999.33	5750.00	8500.00	5749.50	5249.50	4375.00	5312.87
NUMBER	6	5	2	13	32	38	17	87
FAMILY INCOME GE 9999								
PERCENT	50.00	60.00	0.00	46.15	9.38	7.89	5.88	8.05
CHILDS ETHNICITY								
PERCENT WHITE	33.33	62.50	50.00	50.00	0.00	0.00	0.00	0.00
PERCENT BLACK	0.00	25.00	0.00	12.50	85.11	73.03	82.35	77.78
CHILDS SEX								
PERCENT FEMALE	16.67	62.50	50.00	43.75	46.81	51.69	35.29	48.37
ENTRY AGE IN MONTHS								
MEAN	65.42	64.07	66.41	64.88	66.30	66.58	68.24	66.68
STANDARD DEVIATION	3.35	3.51	.90	3.22	3.57	3.70	2.95	3.61
PRIMARY LANGUAGE								
PERCENT ENGLISH	83.33	100.00	100.00	93.75	87.23	75.00	88.24	80.26
MOTHERS EDUCATION IN YEARS								
MEAN	11.32	15.40	8.20	12.41	11.55	12.38	11.60	11.92
STANDARD DEVIATION	5.02	2.19	3.89	4.82	2.22	2.82	1.88	2.46
NUMBER	6	5	2	13	33	38	16	87
PERCENT HS GRAD	50.00	100.00	0.00	61.54	48.48	68.42	43.75	56.32
FEMALE HEADED HOUSEHOLD								
PERCENT	33.33	28.57	0.00	26.67	48.48	35.00	47.06	42.22
NUMBER	6	7	2	15	33	40	17	90
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	37.50	100.00	0.00	0.00	30.72
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	50.00	0.00	100.00	0.00	58.17
PERCENT NO PRESCHOOL	0.00	0.00	100.00	12.50	0.00	0.00	100.00	11.11

Table F15-(1)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SELF-SPONSORED MODEL IN PHILADELPHIA, PA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	9	17	22	48	9	20	33	62
FALL KINDERGARTEN WRAT								
MEAN	13.33	30.65	21.41	23.17	32.22	31.20	25.48	28.31
STANDARD DEVIATION	6.71	15.93	10.59	13.60	14.28	15.77	14.74	15.08
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.00	14.43	13.05	13.54	0.00	14.87	13.62	14.07
STANDARD DEVIATION	2.00	2.68	1.69	2.17	0.00	2.58	1.65	1.99
NUMBER	4	14	21	39	0	16	29	45
FAMILY INCOME IN DOLLARS								
MEAN	3100.00	5249.93	4431.82	4548.76	0.00	5133.27	4944.41	5011.86
STANDARD DEVIATION	821.38	2181.40	2037.13	2057.86	0.00	2158.43	2399.17	2291.15
MEDIAN	3375.00	4916.67	4850.00	4500.00	0.00	4875.00	4800.40	4821.79
NUMBER	5	14	22	41	0	15	27	42
FAMILY INCOME GE 9999								
PERCENT	0.00	7.14	0.00	2.44	0.00	6.67	3.70	4.76
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	100.00	100.00	77.78	100.00	87.88	90.32
CHILDS SEX								
PERCENT FEMALE	33.33	70.59	45.45	52.08	33.33	40.00	45.45	41.94
ENTRY AGE IN MONTHS								
MEAN	64.33	66.92	65.46	65.73	67.11	66.33	66.75	66.66
STANDARD DEVIATION	3.01	3.96	3.47	3.71	2.27	3.20	2.93	2.90
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	77.78	100.00	93.94	93.55
MOTHERS EDUCATION IN YEARS								
MEAN	10.00	12.07	11.46	11.51	0.00	12.48	11.24	11.68
STANDARD DEVIATION	3.24	1.59	1.81	1.95	0.00	1.34	2.01	1.89
NUMBER	4	12	20	36	0	16	29	45
PERCENT HS GRAD	25.00	66.67	30.00	41.67	0.00	62.50	37.93	46.67
FEMALE HEADED HOUSEHOLD								
PERCENT	40.00	50.00	40.91	48.78	0.00	52.94	44.83	47.83
NUMBER	5	14	22	41	0	17	29	46
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	18.75	100.00	0.00	0.00	14.52
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	35.42	0.00	100.00	0.00	32.26
PERCENT NO PRESCHOOL	0.00	0.00	100.00	45.83	0.00	0.00	100.00	53.23

Table F15-(1)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SELF-SPONSORED MODEL IN PORTLAND, OR

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	41	2	0	43	11	7	18	36
FALL KINDERGARTEN WRAT								
MEAN	36.93	29.50	0.00	36.58	20.27	34.14	25.72	25.69
STANDARD DEVIATION	13.83	3.54	0.00	13.60	9.52	14.53	15.50	14.22
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	14.27	16.50	0.00	14.40	14.33	14.86	14.00	14.27
STANDARD DEVIATION	2.38	.71	0.00	2.37	1.80	2.27	1.84	1.89
NUMBER	33	2	0	35	9	7	17	33
FAMILY INCOME IN DOLLARS								
MEAN	5078.03	5750.00	0.00	5117.56	5944.44	7714.00	5666.61	6161.68
STANDARD DEVIATION	2596.08	5303.30	0.00	2685.54	1844.66	2674.55	2461.36	2429.85
MEDIAN	4750.00	5750.00	0.00	4749.50	6000.00	8500.00	6000.00	6166.67
NUMBER	32	2	0	34	9	7	18	34
FAMILY INCOME GE 9999								
PERCENT	9.38	0.00	0.00	8.82	0.00	28.57	5.56	8.82
CHILDS ETHNICITY								
PERCENT WHITE	9.76	0.00	0.00	9.30	18.18	28.57	33.33	27.78
PERCENT BLACK	90.24	100.00	0.00	90.70	81.82	71.43	66.67	72.22
CHILDS SEX								
PERCENT FEMALE	51.22	0.00	0.00	48.84	54.55	42.86	55.56	52.78
ENTRY AGE IN MONTHS								
MEAN	68.19	68.83	0.00	68.22	67.77	66.75	65.76	66.57
STANDARD DEVIATION	3.40	3.14	0.00	3.36	3.52	4.12	2.96	3.39
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	0.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	13.27	14.00	0.00	13.31	12.04	12.70	11.92	12.11
STANDARD DEVIATION	1.87	1.41	0.00	1.84	3.21	1.40	1.57	2.05
NUMBER	32	2	0	34	9	7	18	34
PERCENT HS GRAD	78.13	100.00	0.00	79.41	77.78	71.43	50.00	61.76
FEMALE HEADED HOUSEHOLD								
PERCENT	44.12	50.00	0.00	44.44	33.33	28.57	27.78	29.41
NUMBER	34	2	0	36	9	7	18	34
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	95.35	100.00	0.00	0.00	30.56
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	4.65	0.00	100.00	0.00	19.44
PERCENT NO PRESCHOOL	0.00	0.00	0.00	0.00	0.00	0.00	100.00	50.00

Table F15-(1)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SELF-SPONSORED MODEL IN SAN DIEGO, CA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	37	28	3	68	3	15	4	22
FALL KINDERGARTEN WRAT								
MEAN	34.32	34.71	33.33	34.44	33.00	32.27	40.75	33.91
STANDARD DEVIATION	13.45	10.90	4.51	12.07	18.36	13.85	9.88	13.60
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.93	13.25	0.00	13.07	15.67	14.40	14.50	14.59
STANDARD DEVIATION	2.12	1.48	0.00	1.84	3.51	1.55	1.29	1.79
NUMBER	15	12	0	27	3	15	4	22
FAMILY INCOME IN DOLLARS								
MEAN	4406.25	3999.92	0.00	4224.10	9499.33	6366.47	6875.00	6886.14
STANDARD DEVIATION	2563.97	2406.26	0.00	2484.10	865.45	2728.31	1493.04	2553.57
MEDIAN	3916.67	3375.00	0.00	3666.33	9624.25	6000.00	7000.00	6750.00
NUMBER	16	13	0	29	3	15	4	22
FAMILY INCOME GE 9999								
PERCENT	0.00	7.69	0.00	3.45	66.67	20.00	0.00	22.73
CHILDS ETHNICITY								
PERCENT WHITE	2.70	0.00	0.00	1.47	0.00	0.00	0.00	0.00
PERCENT BLACK	51.35	71.43	100.00	61.76	66.67	60.00	50.00	59.09
CHILDS SEX								
PERCENT FEMALE	51.35	57.14	66.67	54.41	66.67	46.67	0.00	40.91
ENTRY AGE IN MONTHS								
MEAN	68.01	67.95	66.70	68.25	66.56	66.59	67.05	66.67
STANDARD DEVIATION	4.92	4.29	5.56	4.64	4.08	4.17	1.80	3.70
PRIMARY LANGUAGE								
PERCENT ENGLISH	72.97	85.71	100.00	79.41	66.67	80.00	75.00	77.27
MOTHERS EDUCATION IN YEARS								
MEAN	10.79	11.66	0.00	11.22	10.22	11.82	13.74	12.04
STANDARD DEVIATION	3.41	3.78	0.00	3.56	6.75	3.81	4.29	4.02
NUMBER	14	14	0	28	2	15	4	21
PERCENT HS GRAD	28.57	57.14	0.00	42.86	50.00	73.33	75.00	71.43
FEMALE HEADED HOUSEHOLD								
PERCENT	56.25	64.29	0.00	60.00	33.33	40.00	0.00	31.82
NUMBER	16	14	0	30	3	15	4	22
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	54.41	100.00	0.00	0.00	13.64
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	41.18	0.00	100.00	0.00	68.18
PERCENT NO PRESCHOOL	0.00	0.00	100.00	4.41	0.00	0.00	100.00	18.18

Table F16-(1)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SELF-SPONSORED MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	104	86	27	217	79	150	81	310
WORD KNOWLEDGE								
MEAN	23.92	22.07	18.07	22.22	25.45	25.65	24.42	25.33
STANDARD DEVIATION	12.03	10.94	8.60	11.32	11.60	11.56	11.24	11.44
SPELLING								
MEAN	18.05	18.18	13.93	17.96	22.05	22.15	21.10	22.08
STANDARD DEVIATION	13.01	12.97	12.37	12.95	13.32	13.16	12.64	13.04
LANGUAGE								
MEAN	16.02	15.28	13.00	15.35	18.75	18.03	14.77	17.88
STANDARD DEVIATION	8.52	7.11	6.43	7.77	9.19	9.11	8.17	8.89
RAVENS								
MEAN	17.77	17.53	14.37	17.25	21.16	21.38	18.77	20.64
STANDARD DEVIATION	7.74	7.00	5.16	7.23	8.41	9.04	8.13	8.69
READING								
MEAN	19.49	18.08	16.52	18.78	19.22	18.86	18.68	18.90
STANDARD DEVIATION	4.59	5.15	3.78	4.87	4.19	4.86	4.82	4.68
MATH CONCEPTS								
MEAN	18.15	18.34	14.94	17.83	21.05	20.33	18.27	19.98
STANDARD DEVIATION	8.39	7.60	6.84	7.96	9.00	8.86	7.40	8.57
MATH COMPUTATIONS								
MEAN	16.02	15.70	13.44	15.57	18.66	19.45	17.15	18.65
STANDARD DEVIATION	8.46	7.26	7.96	7.94	9.49	8.59	7.00	8.48
MATH PROBLEM SOLVING								
MEAN	13.23	12.55	9.48	12.49	15.10	15.51	14.27	15.08
STANDARD DEVIATION	7.38	6.46	5.81	6.91	7.91	8.31	6.50	7.74
COOPERSMITH								
MEAN	35.94	36.65	35.07	36.12	35.78	36.64	36.78	36.46
STANDARD DEVIATION	7.78	7.20	9.98	7.84	6.48	7.66	6.49	7.07
IAPS(-)								
MEAN	10.11	10.37	9.33	10.07	10.44	10.40	10.12	10.34
STANDARD DEVIATION	2.53	2.42	2.35	2.47	3.13	3.01	3.04	3.04
IAPS(+)								
MEAN	15.84	15.98	14.63	15.74	15.72	15.77	15.69	15.74
STANDARD DEVIATION	2.72	2.81	3.21	2.86	3.37	2.62	2.98	3.03
TOTAL READING								
MEAN	41.58	40.41	33.04	40.05	46.70	45.98	42.69	45.33
STANDARD DEVIATION	19.52	17.75	14.44	18.39	19.83	19.69	17.67	19.23
TOTAL MATH								
MEAN	47.02	45.78	37.30	45.32	54.92	56.33	50.19	54.37
STANDARD DEVIATION	21.54	18.26	17.16	19.94	24.11	23.81	19.53	22.92
LANGUAGE PART A								
MEAN	7.37	7.50	6.93	7.40	8.29	7.93	7.53	7.92
STANDARD DEVIATION	3.15	3.24	3.12	3.17	3.29	3.18	3.16	3.20
LANGUAGE PART B								
MEAN	8.05	7.60	6.07	7.95	10.46	10.10	9.23	9.96
STANDARD DEVIATION	6.64	4.96	4.36	5.81	6.90	7.15	6.19	6.84

Table F17-(1)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SELF-SPONSORED MODEL IN DETROIT, MI

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	11	31	0	42	9	19	9	37
WORD KNOWLEDGE								
MEAN	18.36	21.26	0.00	20.50	24.22	20.89	22.89	22.19
STANDARD DEVIATION	6.48	10.16	0.00	9.73	9.19	10.55	8.04	9.53
SPELLING								
MEAN	13.55	17.45	0.00	16.43	24.22	17.32	21.11	19.92
STANDARD DEVIATION	10.69	12.39	0.00	11.96	11.66	12.65	11.52	12.18
LANGUAGE								
MEAN	15.73	15.13	0.00	15.29	16.89	16.26	16.11	16.38
STANDARD DEVIATION	5.55	4.86	0.00	4.96	8.19	8.13	6.05	7.50
RAVENS								
MEAN	18.00	18.97	0.00	18.71	17.11	15.95	18.00	16.73
STANDARD DEVIATION	5.23	5.26	0.00	5.19	5.90	6.24	6.52	6.12
READING								
MEAN	17.55	17.52	0.00	17.52	19.56	17.68	19.89	18.43
STANDARD DEVIATION	4.25	4.70	0.00	4.53	4.53	4.99	4.73	4.76
MATH CONCEPTS								
MEAN	15.09	17.58	0.00	16.93	20.22	17.84	19.11	18.73
STANDARD DEVIATION	2.88	7.11	0.00	6.35	7.73	8.53	6.45	7.76
MATH COMPUTATIONS								
MEAN	14.55	13.90	0.00	14.07	18.22	18.47	16.11	17.84
STANDARD DEVIATION	6.02	6.30	0.00	6.16	7.29	6.81	3.55	6.23
MATH PROBLEM SOLVING								
MEAN	11.18	12.81	0.00	12.38	14.44	14.32	13.67	14.19
STANDARD DEVIATION	5.36	5.83	0.00	5.74	7.30	6.82	3.74	6.19
COOPERSMITH								
MEAN	33.73	36.42	0.00	35.71	37.22	36.84	35.89	36.70
STANDARD DEVIATION	8.81	7.71	0.00	7.99	5.19	8.58	7.29	7.40
IARS(-)								
MEAN	9.64	10.71	0.00	10.43	11.78	10.79	10.33	10.92
STANDARD DEVIATION	3.83	2.25	0.00	2.74	2.17	2.84	2.79	2.66
IARS(+)								
MEAN	16.18	16.29	0.00	16.26	16.44	16.58	15.00	16.16
STANDARD DEVIATION	2.56	1.85	0.00	2.02	2.40	2.36	3.43	2.66
TOTAL READING								
MEAN	33.45	38.84	0.00	37.43	44.44	38.74	42.00	40.92
STANDARD DEVIATION	10.80	16.37	0.00	15.17	16.32	18.36	12.87	16.45
TOTAL MATH								
MEAN	43.73	45.68	0.00	45.17	49.78	48.74	47.78	48.76
STANDARD DEVIATION	14.80	14.23	0.00	14.17	18.88	17.58	10.51	16.09
LANGUAGE PART A								
MEAN	6.55	7.39	0.00	7.17	8.11	6.21	8.00	7.11
STANDARD DEVIATION	2.73	2.47	0.00	2.68	3.92	2.92	3.67	3.40
LANGUAGE PART B								
MEAN	9.18	7.74	0.00	8.12	8.78	10.05	8.11	9.27
STANDARD DEVIATION	3.59	3.68	0.00	3.51	5.33	6.35	3.44	5.46

Table F17-(1)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SELF-SPONSORED MODEL IN NEW YORK, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	6	8	2	16	47	89	17	153
WORD KNOWLEDGE								
MEAN	30.67	30.63	20.00	29.31	28.45	27.91	29.12	28.21
STANDARD DEVIATION	11.43	13.09	5.66	11.69	12.30	10.77	12.32	11.36
SPELLING								
MEAN	24.17	25.00	11.00	22.94	25.49	24.08	25.06	24.62
STANDARD DEVIATION	12.91	13.92	14.14	13.46	13.11	12.91	12.16	12.82
LANGUAGE								
MEAN	16.33	20.63	8.50	17.50	20.36	18.29	17.24	18.81
STANDARD DEVIATION	13.40	11.69	3.54	11.89	9.33	9.13	7.56	9.04
RAVENS								
MEAN	22.00	25.87	19.50	23.62	24.38	24.47	23.47	24.33
STANDARD DEVIATION	9.04	8.44	2.12	8.48	8.13	9.00	9.29	8.72
READING								
MEAN	21.17	19.62	17.50	19.94	19.04	18.96	18.00	18.84
STANDARD DEVIATION	3.76	6.23	9.19	5.47	3.98	4.85	4.86	4.58
MATH CONCEPTS								
MEAN	21.50	24.50	11.00	21.69	23.21	21.49	20.47	21.91
STANDARD DEVIATION	9.09	10.65	2.83	10.02	9.60	8.68	8.68	8.96
MATH COMPUTATIONS								
MEAN	23.00	25.00	12.00	22.62	21.28	20.27	18.71	20.41
STANDARD DEVIATION	12.15	8.85	4.24	10.25	9.71	8.76	8.32	8.99
MATH PROBLEM SOLVING								
MEAN	17.67	17.50	5.50	16.06	16.62	16.39	17.06	16.54
STANDARD DEVIATION	11.91	9.32	7.78	10.43	8.53	8.26	8.04	8.27
COOPERSMITH								
MEAN	38.00	39.62	37.50	38.75	35.51	36.34	38.53	36.33
STANDARD DEVIATION	4.20	5.71	10.61	5.52	6.56	7.67	5.01	7.11
IARS(-)								
MEAN	11.00	10.00	9.50	10.31	10.70	10.52	11.29	10.66
STANDARD DEVIATION	2.03	3.16	3.54	2.91	2.80	3.14	2.95	3.01
IARS(+)								
MEAN	16.50	16.75	16.50	16.62	16.13	15.74	16.71	15.97
STANDARD DEVIATION	2.07	2.66	.71	2.19	3.53	2.66	2.37	2.93
TOTAL READING								
MEAN	52.17	55.12	31.00	51.00	51.66	49.60	49.59	50.12
STANDARD DEVIATION	10.04	22.96	8.49	20.78	21.29	18.63	20.02	19.52
TOTAL MATH								
MEAN	62.67	68.37	37.00	62.31	62.28	61.13	59.24	61.27
STANDARD DEVIATION	32.90	24.37	9.90	27.18	24.65	24.20	23.88	24.16
LANGUAGE PART A								
MEAN	8.00	10.50	6.00	9.00	8.83	8.20	8.24	8.43
STANDARD DEVIATION	3.50	2.45	2.83	3.22	2.93	3.09	2.80	2.97
LANGUAGE PART B								
MEAN	8.33	10.12	2.50	8.50	11.53	10.09	9.00	10.41
STANDARD DEVIATION	10.11	9.75	.71	9.20	7.30	7.30	5.94	7.17

Table F17-(1)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SELF-SPONSORED MODEL IN PHILADELPHIA, PA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	9	17	22	48	9	20	13	42
WORD KNOWLEDGE								
MEAN	19.56	22.00	18.41	19.90	21.67	22.25	21.36	21.69
STANDARD DEVIATION	10.67	11.47	8.60	10.08	12.80	13.76	11.41	12.20
SPELLING								
MEAN	17.44	21.88	14.73	17.77	20.67	21.75	19.15	20.21
STANDARD DEVIATION	13.19	14.17	12.15	13.21	14.55	13.21	14.02	13.66
LANGUAGE								
MEAN	14.33	15.29	14.09	14.56	18.33	19.05	14.58	17.63
STANDARD DEVIATION	8.32	10.31	6.54	8.21	13.33	11.11	9.33	10.63
RAVENS								
MEAN	15.22	14.71	13.91	14.44	16.44	17.50	17.82	17.52
STANDARD DEVIATION	8.79	7.35	5.05	6.56	10.13	7.77	8.13	8.19
READING								
MEAN	16.11	17.76	16.68	16.96	18.56	17.90	17.88	17.98
STANDARD DEVIATION	5.13	4.55	3.68	4.21	4.67	4.83	4.67	4.58
MATH CONCEPTS								
MEAN	15.44	17.88	15.68	16.42	20.89	18.15	14.64	17.74
STANDARD DEVIATION	8.40	7.94	7.27	7.64	6.68	9.86	6.25	7.67
MATH COMPUTATIONS								
MEAN	12.67	15.12	13.68	14.00	16.22	17.60	14.45	16.79
STANDARD DEVIATION	7.33	7.57	8.11	7.68	9.87	9.94	7.43	8.54
MATH PROBLEM SOLVING								
MEAN	11.56	11.53	9.95	10.81	13.56	13.75	13.42	13.55
STANDARD DEVIATION	7.18	8.14	5.95	6.91	8.68	9.60	6.57	7.82
COOPERSMITH								
MEAN	35.33	35.82	34.45	35.10	32.78	37.30	35.91	35.90
STANDARD DEVIATION	6.50	7.48	10.78	8.01	6.80	8.08	6.91	7.31
TAPS(-)								
MEAN	11.00	10.47	9.36	10.06	10.22	9.80	9.91	9.92
STANDARD DEVIATION	2.55	2.18	2.24	2.33	4.48	2.76	3.36	3.35
TAPS(+)								
MEAN	16.11	16.53	14.36	15.46	14.89	15.25	14.94	15.03
STANDARD DEVIATION	2.37	1.81	3.44	2.90	5.78	2.86	3.43	3.62
TOTAL READING								
MEAN	35.00	39.88	34.09	36.31	42.56	40.40	38.00	39.44
STANDARD DEVIATION	[illegible]	19.11	14.84	16.94	18.32	23.23	16.95	19.12
TOTAL MATH								
MEAN	39.44	41.35	37.55	39.25	46.22	48.85	47.70	47.85
STANDARD DEVIATION	16.05	21.89	17.81	18.84	27.58	25.58	20.08	22.71
LANGUAGE PART A								
MEAN	5.78	7.29	7.18	6.96	7.33	8.10	7.24	7.53
STANDARD DEVIATION	2.80	4.51	3.23	3.65	4.66	3.70	3.30	3.60
LANGUAGE PART B								
MEAN	8.56	8.00	6.91	7.60	11.00	10.45	9.33	10.18
STANDARD DEVIATION	6.09	6.45	4.41	5.56	9.65	8.35	7.43	7.94

Table F17-(1)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SELF-SPONSORED MODEL IN PORTLAND, OR

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	41	2	0	43	11	7	18	36
WORD KNOWLEDGE								
MEAN	29.10	36.00	0.00	29.42	17.55	26.57	25.89	23.47
STANDARD DEVIATION	12.11	7.07	0.00	11.95	6.61	10.74	11.00	10.03
SPELLING								
MEAN	24.12	29.00	0.00	24.35	10.55	20.43	21.50	17.94
STANDARD DEVIATION	12.03	1.41	0.00	12.56	9.18	11.13	12.12	11.90
LANGUAGE								
MEAN	19.39	23.50	0.00	19.58	13.73	14.71	16.78	15.44
STANDARD DEVIATION	9.93	6.36	0.00	9.78	3.62	3.60	8.81	6.72
RAVENS								
MEAN	21.22	19.00	0.00	21.12	15.55	11.71	16.67	15.36
STANDARD DEVIATION	7.43	2.83	0.00	7.32	3.33	4.13	6.76	5.63
READING								
MEAN	22.05	24.00	0.00	22.14	20.09	19.29	20.17	19.97
STANDARD DEVIATION	3.98	1.41	0.00	3.91	4.99	4.61	5.31	4.95
MATH CONCEPTS								
MEAN	21.56	20.50	0.00	21.51	12.64	22.14	18.78	17.56
STANDARD DEVIATION	9.34	2.12	0.00	9.12	3.70	7.03	8.67	7.86
MATH COMPUTATIONS								
MEAN	18.98	25.50	0.00	19.28	14.18	19.43	14.39	15.30
STANDARD DEVIATION	9.16	2.12	0.00	8.91	4.69	6.16	5.96	6.50
MATH PROBLEM SOLVING								
MEAN	16.15	16.50	0.00	16.16	10.82	13.00	13.00	12.33
STANDARD DEVIATION	7.78	.71	0.00	7.59	6.00	4.83	5.66	5.01
COOPERSMITH								
MEAN	38.02	36.50	0.00	37.95	37.09	35.14	36.11	36.22
STANDARD DEVIATION	8.39	10.61	0.00	8.36	7.15	6.31	6.65	6.50
IARS(-)								
MEAN	10.32	10.50	0.00	10.33	8.09	8.57	9.17	8.72
STANDARD DEVIATION	2.49	2.12	0.00	2.46	2.91	2.44	2.66	2.57
IARS(+)								
MEAN	16.78	16.50	0.00	16.77	13.45	15.14	16.28	15.19
STANDARD DEVIATION	1.65	.71	0.00	1.62	3.62	2.61	2.37	3.03
TOTAL READING								
MEAN	50.00	56.50	0.00	50.30	30.18	48.71	44.67	41.03
STANDARD DEVIATION	20.35	9.19	0.00	19.95	6.88	17.28	18.59	16.07
TOTAL MATH								
MEAN	56.39	60.00	0.00	56.56	36.55	44.14	46.06	42.78
STANDARD DEVIATION	22.57	5.66	0.00	22.05	9.44	12.93	15.90	13.96
LANGUAGE PART A								
MEAN	8.78	10.50	0.00	8.86	6.45	7.43	7.06	6.94
STANDARD DEVIATION	3.17	3.54	0.00	3.17	3.27	1.81	3.35	3.03
LANGUAGE PART B								
MEAN	10.61	13.00	0.00	10.72	7.27	7.29	9.72	8.50
STANDARD DEVIATION	8.09	2.83	0.00	7.87	2.26	2.81	6.03	4.60

Table F17-(1)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SELF-SPONSORED MODEL IN SAN DIEGO, CA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	37	28	3	68	3	15	4	22
WORD KNOWLEDGE								
MEAN	18.41	19.57	14.33	18.71	27.67	22.33	26.50	23.82
STANDARD DEVIATION	10.38	9.43	12.74	9.99	6.51	12.32	7.59	10.89
SPELLING								
MEAN	14.05	13.93	10.00	13.82	31.67	18.20	18.50	20.09
STANDARD DEVIATION	11.77	11.91	17.32	11.86	3.51	15.07	6.81	13.47
LANGUAGE								
MEAN	12.73	13.32	8.00	12.76	18.67	18.93	17.75	18.68
STANDARD DEVIATION	4.99	3.97	3.46	4.58	5.51	9.41	2.22	7.93
RAVENS								
MEAN	13.76	15.25	14.33	14.40	17.67	19.60	17.75	19.00
STANDARD DEVIATION	6.06	6.30	6.66	6.13	5.03	7.01	7.68	6.66
READING								
MEAN	19.05	18.06	14.67	18.44	21.33	20.87	21.00	20.95
STANDARD DEVIATION	4.20	5.73	.58	4.90	5.69	4.81	3.56	4.51
MATH CONCEPTS								
MEAN	15.91	17.54	12.33	16.15	21.00	18.67	18.25	18.91
STANDARD DEVIATION	6.86	6.75	4.16	6.78	7.00	9.15	6.70	8.23
MATH COMPUTATIONS								
MEAN	12.86	14.68	12.67	13.60	17.33	18.27	22.00	18.82
STANDARD DEVIATION	6.32	5.43	10.97	6.15	6.66	9.05	7.53	8.33
MATH PROBLEM SOLVING								
MEAN	10.30	11.18	8.67	10.59	13.67	15.27	16.50	15.27
STANDARD DEVIATION	4.98	4.53	4.16	4.74	1.15	9.82	5.92	8.37
COOPERSMITH								
MEAN	34.11	36.57	38.00	35.29	40.00	38.00	41.50	38.91
STANDARD DEVIATION	7.08	6.99	3.46	6.98	3.61	7.02	5.26	6.33
TAPS(-)								
MEAN	9.65	9.71	9.00	9.65	11.67	10.87	10.75	10.95
STANDARD DEVIATION	2.04	2.58	3.61	2.31	3.21	2.85	3.30	2.86
TAPS(+)								
MEAN	14.51	15.04	15.33	14.76	18.00	15.93	16.50	16.32
STANDARD DEVIATION	3.90	3.98	2.08	3.58	1.00	2.43	1.29	2.19
TOTAL READING								
MEAN	33.81	37.11	26.67	34.85	48.67	41.00	44.75	42.73
STANDARD DEVIATION	16.35	15.56	16.86	15.99	9.07	20.81	13.50	18.18
TOTAL MATH								
MEAN	36.92	41.11	35.67	38.59	48.67	53.13	56.25	53.09
STANDARD DEVIATION	15.29	13.56	21.08	14.72	11.24	24.63	20.06	21.88
LANGUAGE PART A								
MEAN	6.32	6.96	5.67	6.56	10.00	8.53	8.00	8.64
STANDARD DEVIATION	2.68	2.73	3.06	2.70	1.00	3.42	1.83	2.95
LANGUAGE PART B								
MEAN	6.41	6.36	2.33	6.21	8.67	10.40	9.75	10.05
STANDARD DEVIATION	4.19	2.96	1.15	3.67	6.03	7.39	1.50	6.37

Table F11-(13)-IIK

SUMMARY OF EFFECTS
FOR INTERDEPENDENT LEARNING MODEL IN COHORT II-K,
BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS: PBLA[a]			ANALYSIS: PBPA[b]		
	PRESCHOOL CATEGORY	Head Start	Some Preschool	No Preschool	Head Start	Some Preschool	No Preschool
BASIC SKILLS	Word Knowledge	▨	▨	▨	▨	▨	▨
	Spelling	▨	▨	▨ -	▨	▨ -	▨ -
	Language	▨	▨	▨	▨ -	▨	▨ -
	Math Computations	▨	▨	▨	▨ -	▨ -	▨
COGNITIVE CONCEPTUAL SKILLS	Raven's	▨	▨	▨	▨	▨ -	▨
	Reading	▨	▨	▨	▨ -	▨	▨
	Math Concepts	▨	▨	▨	▨ -	▨	▨ -
	Math Problem Solving	▨	▨	▨	▨ -	▨ -	▨ -
AFFECTIVE MEASURES	Coopersmith	▨ -	▨	▨	▨ -	▨ -	▨
	IARS(-)	▨	▨	▨	▨	▨	▨
	IARS(+)	▨	▨	▨	▨ -	▨	▨ -
	Total Reading	▨	▨	▨	▨	▨	▨
	Total Math	▨	▨	▨	▨ -	▨ -	▨ -
	Language Part A	▨	▨	▨	▨	▨	▨ -
	Language Part B	▨	▨	▨	▨ -	▨	▨ -

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Sample size of less than 30 children in FT and/or NFT

Tabel F12-(13)-IIK

SUMMARY OF EFFECTS IN COHORT II-K SITES IN THE INTERDEPENDENT LEARNING MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE: New York, NY ANALYSIS: Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]
Word Knowledge					
Spelling			-	-	-
Language				-	-
Math Computations		-	-	-	
Raven's		-	-	-	-
Reading				-	
Math Concepts				-	-
Math Problem Solving			-	-	+
Coopersmith		-	-	-	
IARS (-)					
IARS (+)					
Total Reading					
Total Math	-		-	-	-
Language Part A				-	
Language Part B				-	-

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(13)-IIK

SELECTED ACHIEVEMENT INDICIES FOR THE MAT NORM POPULATION AND FOR COHORT II-K CHILDREN IN THE INTERDEPENDENT LEARNING MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPU-LATION	SITES			
		All[a]		New York, NY	
		FT	NFT	FT	NFT
TOTAL READING					
Third Grade Median	61.0	58.5	61.4	58.5	61.4
Median Percentile	50	40	50	40	50
Grade Equivalent	3.5	3.2	3.5	3.2	3.5
% 1 Year or More Below Grade Level	20	28	23	28	23
TOTAL MATHEMATICS					
Third Grade Median	70.5	62.8	68.8	62.8	68.8
Median Percentile	50	26	44	26	44
Grade Equivalent	3.8	3.2	3.6	3.2	3.6
% 1 Year or More Below Grade Level	12	41	20	41	20
SPELLING					
Third Grade Median	64.0	61.2	66.8	61.2	66.8
Median Percentile	50	40	60	40	60
Grade Equivalent	3.6	3.3	4.1	3.3	4.1
% 1 Year or More Below Grade Level	22	37	19	37	19
LANGUAGE					
Third Grade Median	70.0	54.8	59.3	54.8	59.3
Median Percentile	50	14	23	14	23
Grade Equivalent	4.0	2.5	2.9	2.5	2.9
% 1 Year or More Below Grade Level	14	80	56	80	56

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(13)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR INTERDEPENDENT LEARNING MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	15	21	10	46	47	89	17	153
FALL KINDERGARTEN WRAT								
MEAN	28.53	29.05	24.40	27.87	35.32	36.28	25.41	34.78
STANDARD DEVIATION	15.33	10.32	8.55	11.77	17.30	15.15	6.97	15.48
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.58	13.12	13.78	13.42	14.78	14.03	14.06	14.31
STANDARD DEVIATION	2.02	1.49	2.17	1.88	2.17	1.98	2.33	2.13
NUMBER	12	17	9	38	32	38	17	87
FAMILY INCOME IN DOLLARS								
MEAN	4749.83	4842.11	4200.00	4658.49	5328.03	5934.13	4941.12	5517.16
STANDARD DEVIATION	3011.03	2651.27	1858.91	2550.48	2737.30	2557.77	2269.79	2574.86
MEDIAN	4750.00	5375.00	4250.00	4666.67	5749.50	5249.50	4375.00	5312.87
NUMBER	12	19	10	41	32	38	17	87
FAMILY INCOME GE 9999								
PERCENT	16.67	0.00	0.00	4.88	9.38	7.89	5.88	8.05
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	100.00	100.00	85.11	73.03	82.35	77.78
CHILDS SEX								
PERCENT FEMALE	53.33	66.67	20.00	52.17	46.81	51.69	35.29	48.37
ENTRY AGE IN MONTHS								
MEAN	67.61	66.85	65.55	66.82	66.30	66.58	68.24	66.68
STANDARD DEVIATION	3.5[illegible]	3.56	3.37	3.50	3.57	3.70	2.95	3.61
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	87.23	75.00	88.24	80.26
MOTHERS EDUCATION IN YEARS								
MEAN	11.97	11.53	11.98	11.77	11.55	12.38	11.60	11.92
STANDARD DEVIATION	1.37	2.34	2.02	1.96	2.22	2.82	1.88	2.46
NUMBER	12	17	9	38	33	38	16	87
PERCENT HS GRAD	41.67	41.18	55.56	44.74	48.48	68.42	43.75	56.32
FEMALE HEADED HOUSEHOLD								
PERCENT	69.23	36.84	80.00	57.14	48.48	35.00	47.06	42.22
NUMBER	13	19	10	42	33	40	17	90
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	32.61	100.00	0.00	0.00	30.72
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	45.65	0.00	100.00	0.00	58.17
PERCENT NO PRESCHOOL	0.00	0.00	100.00	21.74	0.00	0.00	100.00	11.11

Table F15-(13)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR INTERDEPENDENT LEARNING MODEL IN NEW YORK, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	15	21	10	46	47	89	17	153
FALL KINDERGARTEN WRAT								
MEAN	28.53	29.05	24.40	27.87	35.32	36.28	25.41	34.78
STANDARD DEVIATION	15.33	10.32	8.55	11.77	17.30	15.15	6.97	15.48
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.58	13.12	13.78	13.42	14.78	14.03	14.06	14.31
STANDARD DEVIATION	2.02	1.69	2.17	1.88	2.17	1.98	2.33	2.13
NUMBER	12	17	9	38	32	38	17	87
FAMILY INCOME IN DOLLARS								
MEAN	4749.83	4842.11	4200.00	4658.49	5328.03	5934.13	4941.12	5517.16
STANDARD DEVIATION	3011.03	2651.27	1858.91	2550.48	2737.30	2557.77	2269.79	2574.84
MEDIAN	4750.00	5375.00	4250.00	4666.67	5749.50	5249.50	4375.00	5312.87
NUMBER	12	19	10	41	32	38	17	87
FAMILY INCOME OF 9999								
PERCENT	16.67	0.00	0.00	4.88	9.38	7.89	5.88	8.05
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	100.00	100.00	85.11	73.03	82.35	77.78
CHILDS SEX								
PERCENT FEMALE	53.33	66.67	20.00	52.17	46.81	51.69	35.29	48.37
ENTRY AGE IN MONTHS								
MEAN	67.61	66.85	65.55	66.82	66.30	66.58	68.24	66.68
STANDARD DEVIATION	3.53	3.56	3.37	3.50	3.57	3.70	2.95	3.61
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	87.23	75.00	88.24	80.26
MOTHERS EDUCATION IN YEARS								
MEAN	11.97	11.53	11.98	11.77	11.55	12.38	11.60	11.92
STANDARD DEVIATION	1.37	2.34	2.02	1.96	2.22	2.82	1.88	2.46
NUMBER	12	17	9	38	33	38	16	87
PERCENT HS GRAD	41.67	41.18	55.56	44.74	48.48	68.42	43.75	56.32
FEMALE HEADED HOUSEHOLD								
PERCENT	69.23	36.84	80.00	57.14	48.48	35.00	47.06	42.22
NUMBER	13	19	10	42	33	40	17	90
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	32.61	100.00	0.00	0.00	30.72
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	45.65	0.00	100.00	0.00	58.17
PERCENT NO PRESCHOOL	0.00	0.00	100.00	21.74	0.00	0.00	100.00	11.11

Table F16-(13)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR INTERDEPENDENT LEARNING MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	15	21	10	46	47	89	17	153
WORD KNOWLEDGE								
MEAN	25.47	25.67	25.40	25.54	28.45	27.91	29.12	28.21
STANDARD DEVIATION	11.18	8.64	11.50	9.93	12.30	10.77	12.32	11.36
SPELLING								
MEAN	18.80	15.95	13.80	16.41	25.49	24.08	25.06	24.62
STANDARD DEVIATION	13.16	12.53	12.08	12.51	13.11	12.91	12.16	12.82
LANGUAGE								
MEAN	14.13	12.86	13.60	13.43	20.36	18.29	17.24	18.81
STANDARD DEVIATION	7.49	6.26	4.01	6.19	9.33	9.13	7.56	9.04
RAVENS								
MEAN	16.53	17.81	19.60	17.78	24.38	24.47	23.47	24.33
STANDARD DEVIATION	9.51	8.47	5.87	8.26	8.13	9.00	9.29	8.72
READING								
MEAN	15.53	14.43	16.00	15.13	18.04	18.96	18.00	18.84
STANDARD DEVIATION	5.18	4.06	4.24	4.44	3.08	4.85	4.86	4.58
MATH CONCEPTS								
MEAN	17.73	17.62	17.30	17.59	23.21	21.49	20.47	21.91
STANDARD DEVIATION	7.27	4.48	6.95	5.92	9.60	8.68	8.68	8.96
MATH COMPUTATIONS								
MEAN	14.33	14.71	12.90	14.20	21.28	20.27	18.71	20.41
STANDARD DEVIATION	8.72	8.68	4.98	7.91	9.71	8.76	8.32	8.99
MATH PROBLEM SOLVING								
MEAN	11.33	10.33	12.40	11.11	16.62	16.39	17.06	16.54
STANDARD DEVIATION	7.07	7.18	3.66	6.75	8.53	8.26	8.04	8.27
COOPERSMITH								
MEAN	29.53	33.10	36.00	32.57	35.51	36.34	38.53	36.33
STANDARD DEVIATION	7.19	7.35	5.91	7.27	6.56	7.67	5.01	7.11
IAPS(-)								
MEAN	10.20	10.86	9.90	10.43	10.70	10.52	11.29	10.66
STANDARD DEVIATION	2.19	2.20	1.85	2.10	2.80	3.14	2.95	3.01
IAPS(+)								
MEAN	13.60	15.62	15.50	14.93	16.13	15.74	16.71	15.97
STANDARD DEVIATION	3.58	2.36	1.18	2.76	3.53	2.66	2.37	2.93
TOTAL READING								
MEAN	43.21	43.29	42.70	43.13	51.46	49.40	49.59	50.12
STANDARD DEVIATION	17.49	11.71	17.40	14.74	21.29	18.63	20.02	19.52
TOTAL MATH								
MEAN	42.20	42.86	44.90	43.09	62.28	61.13	59.24	61.27
STANDARD DEVIATION	24.13	21.37	13.26	20.50	24.45	24.20	23.88	24.16
LANGUAGE PART A								
MEAN	7.33	6.95	6.80	7.04	8.83	8.20	8.24	8.40
STANDARD DEVIATION	3.37	2.94	2.10	2.88	2.83	3.09	2.80	2.97
LANGUAGE PART B								
MEAN	6.81	5.90	6.80	6.39	11.53	10.09	9.00	10.41
STANDARD DEVIATION	5.06	4.18	3.08	4.22	7.30	7.30	5.94	7.17

Table F17-(13)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR INTERDEPENDENT LEARNING MODEL IN NEW YORK, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	15	21	10	46	47	89	17	153
WORD KNOWLEDGE								
MEAN	25.97	25.47	25.40	25.56	28.45	27.91	29.12	28.21
STANDARD DEVIATION	11.18	8.64	11.50	9.93	12.30	10.77	12.32	11.36
SPELLING								
MEAN	18.00	15.95	13.80	16.41	25.49	24.08	25.06	24.62
STANDARD DEVIATION	13.10	12.53	12.08	12.51	13.11	12.91	12.16	12.82
LANGUAGE								
MEAN	14.13	12.86	13.60	13.43	20.36	18.29	17.24	18.81
STANDARD DEVIATION	7.99	6.26	4.01	6.19	9.33	9.13	7.56	9.04
RAVENS								
MEAN	16.53	17.81	19.60	17.78	24.38	24.47	23.47	24.33
STANDARD DEVIATION	9.51	8.67	5.87	8.26	8.13	9.00	9.29	8.72
READING								
MEAN	15.53	14.43	16.00	15.13	18.94	18.96	18.00	18.84
STANDARD DEVIATION	3.18	4.86	4.24	4.44	3.98	4.85	4.86	4.58
MATH CONCEPTS								
MEAN	17.73	17.62	17.30	17.59	23.21	21.49	20.47	21.91
STANDARD DEVIATION	7.27	4.68	6.95	5.92	9.60	8.68	8.68	8.96
MATH COMPUTATIONS								
MEAN	14.33	14.71	12.90	14.20	21.28	20.27	18.71	20.41
STANDARD DEVIATION	8.72	8.68	4.98	7.91	9.71	8.76	8.32	8.99
MATH PROBLEM SOLVING								
MEAN	11.33	10.33	12.40	11.11	16.62	16.39	17.06	16.54
STANDARD DEVIATION	7.87	7.18	3.66	6.75	8.53	8.26	8.04	8.27
COOPERSMITH								
MEAN	29.53	33.10	36.00	32.57	35.51	36.34	38.53	36.33
STANDARD DEVIATION	7.19	7.35	5.91	7.27	6.56	7.67	5.01	7.11
IARS(-)								
MEAN	10.20	10.86	9.90	10.43	10.70	10.52	11.29	10.66
STANDARD DEVIATION	2.19	2.20	1.85	2.10	2.80	3.14	2.95	3.01
IARS(+)								
MEAN	13.80	15.62	15.50	14.93	16.13	15.76	16.71	15.97
STANDARD DEVIATION	3.38	2.36	1.18	2.76	3.53	2.66	2.37	2.93
TOTAL READING								
MEAN	43.21	43.20	42.70	43.13	51.66	49.60	49.59	50.12
STANDARD DEVIATION	17.49	11.71	17.48	14.76	21.29	18.63	20.02	19.52
TOTAL MATH								
MEAN	42.60	42.96	44.90	43.09	62.28	61.13	59.24	61.27
STANDARD DEVIATION	24.13	21.37	13.26	20.50	26.65	24.20	23.88	24.16
LANGUAGE PART A								
MEAN	7.33	6.95	6.80	7.04	8.83	8.20	8.26	8.49
STANDARD DEVIATION	3.37	2.94	2.10	2.88	2.93	3.04	2.80	2.97
LANGUAGE PART B								
MEAN	6.80	5.90	6.80	6.39	11.53	10.09	9.00	10.41
STANDARD DEVIATION	5.08	4.18	3.08	4.22	7.30	7.30	5.94	7.17

Table F11-(14)-IIK

SUMMARY OF EFFECTS FOR SEDL MODEL IN COHORT II-K, BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS					
		PBLA[a]			PBPA[b]		
	PRESCHOOL CATEGORY	Head Start	Some Preschool	No Preschool	Head Start	Some Preschool	No Preschool
BASIC SKILLS	Word Knowledge			-	-	-	-
	Spelling	-		-	-	-	-
	Language					-	+
	Math Computations				-		
COGNITIVE CONCEPTUAL SKILLS	Raven's				-	-	-
	Reading			-	-		-
	Math Concepts				-		-
	Math Problem Solving				-		-
AFFECTIVE MEASURES	Coopersmith				-	-	-
	IARS(-)				+	+	
	IARS(+)						
	Total Reading			-	-		-
	Total Math				-		
	Language Part A					-	
	Language Part B					-	+

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:	
+	FT-favoring effect
-	NFT-favoring effect
blank	Null effect
▨	Sample size of less than 30 children in FT and/or NFT

Table F12-(14)-IIK

SUMMARY OF EFFECTS IN COHORT II-K SITES IN THE SEDL MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE														
	Philadelphia, PA					Tulare, CA					St. Martin Par., LA				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge				-	-			-	-	-		-	-	-	-
Spelling			-	-	+			-	-	+				-	+
Language		-		-											
Math Computations					-				-						
Raven's				-						-				▨ +	
Reading		-		-			-	-				-	-	-	
Math Concepts									-	+					+
Math Problem Solving					+		-	-	-	-				-	
Coopersmith				-					-	+					+
IARS (-)					+									+	
IARS (+)									-						
Total Reading				-	-			-	-	-			-	-	-
Total Math					+				-	-					
Language Part A		-		-											
Language Part B		-		-					+						-

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(14)-IIK

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT II-K CHILDREN IN THE SEDL MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPU-LATION	SITES							
		All[a]		Philadelphia, PA		Tulare, CA		St. Martin Par., LA	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT
TOTAL READING									
Third Grade Median	61.0	48.7	55.9	48.0	54.4	50.2	60.5	47.9	52.8
Median Percentile	50	14	34	12	28	16	46	12	24
Grade Equivalent	3.5	2.4	3.0	2.3	2.8	2.4	3.4	2.3	2.7
% 1 Year or More Below Grade Level	20	65	39	67	47	53	23	74	46
TOTAL MATHEMATICS									
Third Grade Median	70.5	58.8	62.4	58.8	61.5	60.8	66.5	56.7	59.2
Median Percentile	50	16	23	16	23	20	34	12	16
Grade Equivalent	3.8	2.9	3.1	2.9	3.1	3.0	3.4	2.7	2.9
% 1 Year or More Below Grade Level	12	48	34	49	40	38	20	56	43
SPELLING									
Third Grade Median	64.0	51.5	61.8	51.8	62.5	54.5	65.5	48.2	57.5
Median Percentile	50	18	44	18	44	22	58	12	32
Grade Equivalent	3.6	2.5	3.4	2.5	3.4	2.6	3.9	2.2	3.0
% 1 Year or More Below Grade Level	22	56	32	58	32	50	20	61	45
LANGUAGE									
Third Grade Median	70.0	55.1	56.8	54.6	55.8	54.5	55.1	56.2	59.5
Median Percentile	50	14	20	14	18	12	14	18	26
Grade Equivalent	4.0	2.5	2.7	2.5	2.6	2.4	2.5	2.6	3.0
% 1 Year or More Below Grade Level	14	78	70	80	66	78	89	75	56

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(14)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SEDL MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	161	43	50	254	34	34	113	181
FULL KINDERGARTEN WRAT								
MEAN	20.64	20.91	23.08	21.17	20.76	28.15	23.51	23.87
STANDARD DEVIATION	12.17	10.76	13.45	12.20	13.76	14.14	14.37	14.33
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.78	13.27	13.98	13.72	13.87	14.26	14.07	14.08
STANDARD DEVIATION	2.39	2.18	2.47	2.37	2.40	2.54	2.29	2.33
NUMBER	74	33	41	148	24	27	108	159
FAMILY INCOME IN DOLLARS								
MEAN	4434.12	4983.77	5383.67	4819.92	4624.96	5307.58	5630.67	5423.43
STANDARD DEVIATION	2624.48	2332.47	2740.35	2617.72	2432.70	2465.85	2860.78	2745.49
MEDIAN	3795.86	4208.33	4699.60	4106.93	3916.83	4625.00	5218.31	4825.35
NUMBER	76	31	43	150	24	26	107	157
FAMILY INCOME OF 9999								
PERCENT	9.21	9.68	4.65	8.00	4.17	11.54	16.82	14.01
CHILDS ETHNICITY								
PERCENT WHITE	20.50	9.30	36.00	21.65	20.59	23.53	57.14	43.89
PERCENT BLACK	47.83	53.49	12.00	41.73	67.65	67.65	36.61	48.33
CHILDS SEX								
PERCENT FEMALE	45.96	41.86	48.00	45.67	50.00	55.88	50.44	51.38
ENTRY AGE IN MONTHS								
MEAN	67.84	66.90	68.52	67.81	67.01	67.36	67.11	67.14
STANDARD DEVIATION	4.17	3.32	4.93	4.22	4.02	3.46	4.66	4.32
PRIMARY LANGUAGE								
PERCENT ENGLISH	90.68	72.09	74.00	84.25	91.18	94.12	94.69	93.92
MOTHERS EDUCATION IN YEARS								
MEAN	9.86	10.05	9.36	9.75	10.01	11.05	10.99	10.86
STANDARD DEVIATION	3.60	3.93	4.08	3.80	3.02	2.99	3.17	3.12
NUMBER	76	33	46	155	23	27	109	159
PERCENT HS GRAD	30.26	33.33	21.74	28.39	34.78	44.44	40.37	40.25
FEMALE HEADED HOUSEHOLD								
PERCENT	25.00	38.24	21.74	26.87	8.33	35.71	22.02	22.36
NUMBER	80	34	46	160	24	28	109	161
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	63.39	100.00	0.00	0.00	18.78
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	16.93	0.00	100.00	0.00	18.78
PERCENT NO PRESCHOOL	0.00	0.00	100.00	19.69	0.00	0.00	100.00	62.43

Table F15-(14)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SEDL MODEL IN PHILADELPHIA, PA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	14	23	8	45	9	20	33	62
FALL KINDERGARTEN WRAT								
MEAN	32.29	19.70	20.63	23.78	32.22	31.20	25.48	28.31
STANDARD DEVIATION	14.24	10.38	13.87	14.00	14.28	15.77	14.74	15.08
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.57	13.47	13.40	13.48	0.00	14.87	13.62	14.07
STANDARD DEVIATION	2.15	1.54	1.52	1.63	0.00	2.58	1.45	1.99
NUMBER	7	19	5	31	0	16	29	45
FAMILY INCOME IN DOLLARS								
MEAN	5571.43	4764.65	5142.86	5032.23	0.00	5133.27	4944.41	5011.86
STANDARD DEVIATION	2008.91	2165.76	1841.97	2024.50	0.00	2158.43	2399.17	2291.15
MEDIAN	5000.00	4196.67	4375.00	4312.87	0.00	4875.00	4800.40	4821.79
NUMBER	7	17	7	31	0	15	27	42
FAMILY INCOME GE 9999								
PERCENT	0.00	5.88	0.00	3.23	0.00	6.67	3.70	4.76
CHILDS ETHNICITY								
PERCENT WHITE	0.00	4.35	0.00	2.22	0.00	0.00	0.00	0.00
PERCENT BLACK	92.86	73.91	37.50	73.33	77.78	100.00	87.88	90.32
CHILDS SEX								
PERCENT FEMALE	21.43	43.48	62.50	40.00	33.33	40.00	45.45	41.94
ENTRY AGE IN MONTHS								
MEAN	66.08	66.11	67.53	66.54	67.11	66.33	66.75	66.66
STANDARD DEVIATION	3.46	2.91	3.29	3.12	2.37	3.20	2.93	2.90
PRIMARY LANGUAGE								
PERCENT ENGLISH	85.71	78.26	37.50	73.33	77.78	100.00	93.94	93.55
MOTHERS EDUCATION IN YEARS								
MEAN	11.24	11.26	7.67	10.51	0.00	12.48	11.24	11.68
STANDARD DEVIATION	4.50	1.93	3.52	3.28	0.00	1.39	2.01	1.89
NUMBER	8	19	7	34	0	16	29	45
PERCENT HS GRAD	62.50	36.84	0.00	35.29	0.00	62.50	37.93	46.67
FEMALE HEADED HOUSEHOLD								
PERCENT	55.56	65.00	42.86	58.33	0.00	52.94	44.83	47.83
NUMBER	9	20	7	36	0	17	29	46
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	31.11	100.00	0.00	0.00	14.52
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	51.11	0.00	100.00	0.00	32.26
PERCENT NO PRESCHOOL	0.00	0.00	100.00	17.78	0.00	0.00	100.00	53.23

Table F15-(14)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SEDL MODEL IN TULARE, CA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	67	17	30	114	5	9	21	35
FALL KINDERGARTEN WRAT								
MEAN	22.58	22.12	25.30	23.23	27.00	27.00	28.57	27.94
STANDARD DEVIATION	11.24	11.15	13.30	11.76	8.40	8.60	11.39	10.13
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.55	12.64	13.62	13.03	12.80	12.33	13.71	13.31
STANDARD DEVIATION	1.74	3.01	2.58	2.41	2.49	.82	2.00	1.96
NUMBER	22	11	26	59	5	6	21	32
FAMILY INCOME IN DOLLARS								
MEAN	3809.48	4908.91	5538.42	4793.03	5400.00	5916.33	5166.62	5363.66
STANDARD DEVIATION	1939.40	2718.25	2928.84	2644.01	2484.95	3307.33	2293.00	2457.32
MEDIAN	3187.50	4000.00	4749.50	4000.00	4125.00	4916.67	5124.75	4749.50
NUMBER	21	11	26	58	5	6	21	32
FAMILY INCOME GE 9999								
PERCENT	4.76	18.18	3.85	6.90	0.00	33.33	4.76	9.38
CHILDS ETHNICITY								
PERCENT WHITE	7.46	5.88	26.67	12.28	40.00	55.56	85.71	71.43
PERCENT BLACK	17.91	29.41	3.33	15.79	20.00	11.11	0.00	5.71
CHILDS SEX								
PERCENT FEMALE	49.25	35.29	40.00	44.74	40.00	77.78	52.38	57.14
ENTRY AGE IN MONTHS								
MEAN	68.84	68.76	68.99	68.87	70.37	69.27	66.72	67.90
STANDARD DEVIATION	4.90	3.41	5.70	4.91	3.70	3.26	3.42	3.64
PRIMARY LANGUAGE								
PERCENT ENGLISH	82.09	58.82	73.33	76.32	80.00	77.78	95.24	88.57
MOTHERS EDUCATION IN YEARS								
MEAN	10.67	8.03	9.27	9.50	10.06	8.38	11.02	10.37
STANDARD DEVIATION	2.83	5.68	4.60	4.37	3.59	4.10	2.58	3.12
NUMBER	19	11	28	58	5	6	21	32
PERCENT HS GRAD	26.32	27.27	21.43	24.14	20.00	16.67	38.10	31.25
FEMALE HEADED HOUSEHOLD								
PERCENT	27.27	0.00	17.86	18.03	40.00	16.67	23.81	25.00
NUMBER	22	11	28	61	5	6	21	32
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	58.77	100.00	0.00	0.00	14.29
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	14.91	0.00	100.00	0.00	25.71
PERCENT NO PRESCHOOL	0.00	0.00	100.00	26.32	0.00	0.00	100.00	60.00

Table F15-(14)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SEDL MODEL IN ST. MARTIN PARISH, LA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	80	3	12	95	20	5	59	84
FALL KINDERGARTEN WRAT								
MEAN	16.97	23.33	19.17	17.45	14.05	18.00	20.61	18.89
STANDARD DEVIATION	10.49	14.64	13.50	10.96	10.41	11.85	14.64	13.75
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	14.42	14.33	15.20	14.55	14.16	14.60	14.43	14.38
STANDARD DEVIATION	2.49	2.31	2.35	2.44	2.36	2.97	2.66	2.59
NUMBER	45	3	10	58	19	5	58	82
FAMILY INCOME IN DOLLARS								
MEAN	4541.54	6500.00	5149.90	4737.59	4421.00	5100.00	6109.90	5662.45
STANDARD DEVIATION	2914.93	1802.78	2963.02	2880.19	2445.18	2701.85	3167.48	3047.20
MEDIAN	3749.50	7000.00	5750.00	3958.42	3812.87	4000.00	6166.33	5000.00
NUMBER	48	3	10	61	19	5	59	83
FAMILY INCOME GE 9999								
PERCENT	12.50	0.00	10.00	11.48	5.26	0.00	27.12	20.48
CHILDS ETHNICITY								
PERCENT WHITE	35.00	66.67	83.33	42.11	25.00	60.00	79.31	65.06
PERCENT BLACK	65.00	33.33	16.67	57.89	75.00	40.00	20.69	34.94
CHILDS SEX								
PERCENT FEMALE	47.50	66.67	58.33	49.47	60.00	80.00	52.54	55.95
ENTRY AGE IN MONTHS								
MEAN	67.12	64.66	67.99	67.15	66.12	68.07	67.45	67.17
STANDARD DEVIATION	3.37	3.60	3.78	3.43	4.38	3.84	5.73	5.33
PRIMARY LANGUAGE								
PERCENT ENGLISH	98.75	100.00	100.00	98.95	100.00	100.00	94.92	96.43
MOTHERS EDUCATION IN YEARS								
MEAN	9.33	9.80	10.65	9.58	10.00	9.66	10.85	10.59
STANDARD DEVIATION	3.66	3.90	2.53	3.49	2.96	2.96	3.80	3.58
NUMBER	49	3	11	63	18	5	59	82
PERCENT HS GRAD	26.53	33.33	36.36	28.57	38.89	20.00	42.37	40.24
FEMALE HEADED HOUSEHOLD								
PERCENT	18.37	0.00	18.18	17.46	0.00	0.00	10.17	7.23
NUMBER	49	3	11	63	19	5	59	83
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	84.21	100.00	0.00	0.00	23.81
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	3.16	0.00	100.00	0.00	5.95
PERCENT NO PRESCHOOL	0.00	0.00	100.00	12.63	0.00	0.00	100.00	70.24

Table F16-(14)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SEDL MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	151	43	58	254	34	36	113	181
WORD KNOWLEDGE								
MEAN	17.20	17.44	18.10	17.42	20.00	22.06	23.02	22.27
STANDARD DEVIATION	9.11	8.85	9.65	9.14	10.85	13.08	10.63	11.14
SPELLING								
MEAN	11.93	11.79	13.26	12.17	15.82	19.91	18.91	18.52
STANDARD DEVIATION	11.64	11.30	11.66	11.56	13.59	12.53	13.44	13.30
LANGUAGE								
MEAN	13.93	12.12	15.64	13.96	15.24	17.68	16.77	16.65
STANDARD DEVIATION	6.45	6.12	6.38	6.45	8.72	9.62	7.84	8.35
RAVENS								
MEAN	15.99	16.84	18.42	16.61	16.82	17.41	18.66	18.08
STANDARD DEVIATION	6.55	6.80	7.34	6.79	7.55	7.50	8.04	7.80
READING								
MEAN	17.90	16.72	19.14	17.94	15.53	19.35	18.84	18.31
STANDARD DEVIATION	4.70	5.29	4.36	4.77	5.14	4.42	4.72	4.91
MATH CONCEPTS								
MEAN	14.97	14.47	15.44	14.98	16.76	17.47	18.48	17.97
STANDARD DEVIATION	6.01	6.19	6.06	6.03	6.95	8.95	7.11	7.45
MATH COMPUTATIONS								
MEAN	13.99	14.23	16.66	14.24	14.76	16.85	17.34	16.76
STANDARD DEVIATION	6.33	6.51	7.02	6.59	7.96	9.39	7.58	8.03
MATH PROBLEM SOLVING								
MEAN	11.29	11.14	13.04	11.61	13.24	13.35	14.25	13.89
STANDARD DEVIATION	5.16	5.73	6.03	5.46	6.56	8.47	6.66	6.98
COOPERSMITH								
MEAN	35.35	33.44	35.48	35.06	35.51	37.74	36.58	36.54
STANDARD DEVIATION	7.21	7.63	6.88	7.23	6.96	7.53	6.75	6.95
IARS(-)								
MEAN	10.01	9.93	10.16	10.02	9.15	9.29	10.35	9.93
STANDARD DEVIATION	2.58	2.20	2.23	2.44	2.85	2.86	2.75	2.83
IARS(+)								
MEAN	14.71	14.51	15.54	14.86	14.74	15.12	15.58	15.33
STANDARD DEVIATION	2.95	3.21	2.93	3.00	4.04	2.48	3.35	3.35
TOTAL READING								
MEAN	32.17	31.91	33.56	32.40	36.76	39.53	41.50	40.24
STANDARD DEVIATION	14.31	13.93	14.86	14.31	16.88	21.40	16.97	17.86
TOTAL MATH								
MEAN	40.77	42.21	48.12	42.46	44.82	47.62	50.25	48.73
STANDARD DEVIATION	15.59	17.07	17.70	16.46	20.30	23.57	20.38	20.98
LANGUAGE PART A								
MEAN	6.46	5.65	6.74	6.38	6.71	7.62	7.85	7.59
STANDARD DEVIATION	3.10	3.00	3.15	3.10	3.75	3.50	3.06	3.29
LANGUAGE PART B								
MEAN	7.47	6.47	8.90	7.58	8.53	10.06	8.92	9.06
STANDARD DEVIATION	4.61	4.28	4.31	4.54	6.34	7.34	6.32	6.51

Table F17-(14)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SEDL MODEL IN PHILADELPHIA, PA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	14	23	8	45	9	20	33	62
WORD KNOWLEDGE								
MEAN	17.43	14.30	15.50	15.49	21.67	22.25	21.36	21.69
STANDARD DEVIATION	10.21	6.79	12.29	9.93	12.98	13.76	11.61	12.28
SPELLING								
MEAN	11.43	8.70	20.37	11.62	20.67	21.75	19.15	20.21
STANDARD DEVIATION	12.30	9.09	12.44	11.46	14.55	13.21	14.02	13.66
LANGUAGE								
MEAN	15.86	10.70	12.37	12.60	18.33	19.05	16.58	17.63
STANDARD DEVIATION	6.94	5.16	4.14	5.36	13.33	11.11	9.33	10.43
RAVENS								
MEAN	15.79	14.43	16.88	15.29	14.44	17.50	17.82	17.52
STANDARD DEVIATION	7.10	6.42	6.31	5.88	10.13	7.77	8.13	8.19
READING								
MEAN	16.71	14.76	18.00	15.93	18.56	17.90	17.88	17.98
STANDARD DEVIATION	4.61	4.64	4.56	4.70	4.07	4.83	4.67	4.58
MATH CONCEPTS								
MEAN	16.07	12.13	14.12	13.71	20.89	18.15	16.64	17.74
STANDARD DEVIATION	7.91	5.21	7.28	6.60	6.68	9.86	6.25	7.67
MATH COMPUTATIONS								
MEAN	14.79	12.13	16.50	13.73	16.22	17.60	16.45	16.79
STANDARD DEVIATION	7.75	4.84	5.61	6.13	9.87	9.96	7.43	8.54
MATH PROBLEM SOLVING								
MEAN	12.00	10.87	11.88	11.40	13.56	13.75	13.42	13.55
STANDARD DEVIATION	5.90	3.91	7.74	5.29	8.68	9.60	6.57	7.82
COOPERSMITH								
MEAN	33.00	30.74	34.00	32.02	32.78	37.30	35.91	35.90
STANDARD DEVIATION	8.70	7.05	7.43	7.61	6.89	8.08	6.91	7.31
TAKS(-)								
MEAN	11.07	9.96	8.88	10.11	10.22	9.80	9.91	9.92
STANDARD DEVIATION	2.97	2.19	2.42	2.55	4.68	2.76	3.36	3.35
TAKS(+)								
MEAN	14.19	13.70	13.62	13.82	14.89	15.25	14.94	15.03
STANDARD DEVIATION	3.35	3.27	4.57	3.52	5.78	2.86	3.43	3.62
TOTAL READING								
MEAN	33.21	26.43	29.62	29.20	42.56	40.40	38.00	39.44
STANDARD DEVIATION	17.78	11.06	18.62	14.82	19.32	23.23	16.95	19.12
TOTAL MATH								
MEAN	42.57	37.43	45.28	40.42	46.22	48.85	47.70	47.85
STANDARD DEVIATION	16.36	10.95	16.47	14.58	27.58	25.58	20.08	22.71
LANGUAGE PART A								
MEAN	7.21	4.78	5.38	5.73	7.33	8.10	7.24	7.53
STANDARD DEVIATION	3.06	2.94	2.07	3.04	4.66	3.70	3.30	3.60
LANGUAGE PART B								
MEAN	8.36	5.91	7.00	6.87	11.00	10.95	9.33	10.10
STANDARD DEVIATION	3.91	3.36	3.38	3.47	9.45	8.35	7.43	7.94

Table F17-(14)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SEDL MODEL IN TULARE, CA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	67	17	30	114	5	9	21	35
WORD KNOWLEDGE								
MEAN	20.19	19.76	19.50	19.95	25.60	27.00	29.00	28.00
STANDARD DEVIATION	10.35	9.38	9.71	9.96	11.19	12.67	11.48	11.48
SPELLING								
MEAN	15.12	13.96	11.60	13.89	22.00	21.78	22.67	22.34
STANDARD DEVIATION	11.59	12.37	11.08	11.58	8.69	10.84	11.22	10.56
LANGUAGE								
MEAN	12.84	13.29	16.00	13.74	12.00	16.11	13.76	14.11
STANDARD DEVIATION	5.77	7.30	6.81	6.38	3.19	6.58	5.92	5.83
RAVENS								
MEAN	16.63	18.65	18.03	17.30	22.80	19.11	19.48	19.74
STANDARD DEVIATION	6.51	8.02	7.76	7.07	4.69	7.27	7.30	6.87
READING								
MEAN	19.18	19.06	19.87	19.34	20.00	21.44	21.81	21.46
STANDARD DEVIATION	3.80	5.33	3.80	4.01	3.74	2.96	3.40	3.30
MATH CONCEPTS								
MEAN	16.61	17.12	15.70	16.45	16.60	18.11	22.19	20.34
STANDARD DEVIATION	6.48	6.58	6.13	6.37	8.32	9.25	7.43	8.14
MATH COMPUTATIONS								
MEAN	14.85	16.06	17.07	15.61	23.40	18.67	20.14	20.23
STANDARD DEVIATION	5.84	7.93	7.33	6.60	5.90	9.53	7.28	7.67
MATH PROBLEM SOLVING								
MEAN	12.05	11.53	13.37	12.32	19.20	14.78	17.48	17.03
STANDARD DEVIATION	5.51	8.06	5.57	5.94	8.14	7.46	8.21	7.92
COOPERSMITH								
MEAN	36.27	37.35	36.17	36.40	38.80	38.11	37.14	37.63
STANDARD DEVIATION	6.85	7.15	7.15	6.92	6.42	7.42	6.56	6.59
TAPS(-)								
MEAN	10.10	9.53	9.90	9.96	9.20	9.00	10.62	10.00
STANDARD DEVIATION	2.26	2.24	2.09	2.21	1.64	3.46	2.58	2.77
TAPS(+)								
MEAN	15.45	15.06	15.63	15.44	16.80	15.89	16.00	16.09
STANDARD DEVIATION	2.26	2.99	2.48	2.42	2.59	1.62	2.92	2.55
TOTAL READING								
MEAN	36.81	36.88	35.20	36.39	42.20	45.11	51.19	48.34
STANDARD DEVIATION	16.25	14.63	14.97	15.57	19.06	20.87	17.88	18.62
TOTAL MATH								
MEAN	43.52	46.24	48.47	45.23	64.60	52.56	57.10	57.00
STANDARD DEVIATION	15.55	22.63	17.76	17.30	17.83	22.16	21.79	21.12
LANGUAGE PART A								
MEAN	6.09	6.24	6.63	6.25	7.20	7.44	8.19	7.86
STANDARD DEVIATION	2.84	2.77	3.20	2.91	3.42	3.54	2.48	2.85
LANGUAGE PART B								
MEAN	6.75	7.06	9.37	7.48	4.80	8.67	5.57	6.26
STANDARD DEVIATION	4.12	5.57	4.66	4.60	4.66	5.74	5.12	5.28

Table F17-(14)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR SEDL MODEL IN ST. MARTIN PARISH, LA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	80	3	12	95	20	5	59	86
WORD KNOWLEDGE								
MEAN	14.06	28.33	16.33	15.31	17.85	12.40	21.81	20.31
STANDARD DEVIATION	6.87	9.91	7.51	7.36	9.73	4.51	9.21	9.42
SPELLING								
MEAN	9.35	28.33	12.67	10.37	12.10	9.20	17.44	15.68
STANDARD DEVIATION	11.00	3.70	11.77	11.40	13.41	7.79	13.77	13.58
LANGUAGE								
MEAN	14.50	16.33	16.92	14.86	14.65	15.00	17.95	16.99
STANDARD DEVIATION	7.11	2.52	6.19	6.92	6.86	8.15	7.35	7.34
RAVENS								
MEAN	15.49	25.00	20.42	16.41	15.70	14.00	18.85	17.81
STANDARD DEVIATION	6.54	2.65	7.03	6.85	5.91	7.07	8.33	7.85
READING								
MEAN	17.04	18.67	18.08	17.22	13.05	21.40	18.32	17.25
STANDARD DEVIATION	5.17	5.86	5.40	5.18	4.47	2.70	4.80	5.21
MATH CONCEPTS								
MEAN	13.40	17.33	15.75	13.82	14.05	13.60	18.19	17.14
STANDARD DEVIATION	4.77	4.93	5.43	4.91	6.24	2.30	7.07	6.84
MATH COMPUTATIONS								
MEAN	12.12	20.00	15.75	12.83	11.05	10.60	16.83	15.30
STANDARD DEVIATION	6.25	1.00	7.53	6.53	5.73	4.10	7.66	7.42
MATH PROBLEM SOLVING								
MEAN	10.54	11.00	13.00	10.86	11.60	9.20	13.56	12.83
STANDARD DEVIATION	4.04	1.00	6.38	4.85	4.10	4.09	5.78	5.43
COOPERSMITH								
MEAN	35.00	32.00	34.75	34.87	35.40	38.80	36.76	36.56
STANDARD DEVIATION	7.20	7.00	6.15	7.02	7.06	6.72	6.82	6.84
TARS(-)								
MEAN	9.74	12.00	11.67	10.05	8.65	7.80	10.51	9.90
STANDARD DEVIATION	2.73	1.00	1.72	2.68	1.97	1.64	2.44	2.45
TARS(+)								
MEAN	14.20	17.67	16.58	14.61	14.15	13.20	15.78	15.24
STANDARD DEVIATION	3.29	1.53	2.19	3.22	3.38	.84	3.45	3.42
TOTAL READING								
MEAN	28.06	45.67	32.08	29.13	32.90	26.00	40.00	37.45
STANDARD DEVIATION	10.33	13.32	12.18	11.03	15.40	6.52	15.63	15.64
TOTAL MATH								
MEAN	38.15	56.00	49.17	40.11	39.25	33.80	49.24	45.94
STANDARD DEVIATION	14.87	4.36	19.60	15.91	13.86	13.90	19.85	18.87
LANGUAGE PART A								
MEAN	6.59	9.00	7.92	6.83	6.30	6.00	8.07	7.52
STANDARD DEVIATION	3.29	2.00	3.42	3.30	3.51	2.55	3.11	3.25
LANGUAGE PART B								
MEAN	7.91	7.33	9.00	8.03	8.35	9.00	9.88	9.46
STANDARD DEVIATION	5.11	2.08	3.86	4.89	4.58	6.12	5.70	5.45

Table F11-(21)-IIK

SUMMARY OF EFFECTS
FOR HOME-SCHOOL PARTNERSHIP MODEL IN COHORT II-K, BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS					
		PBLA[a]			PBPA[b]		
	PRESCHOOL CATEGORY	Head Start	Some Preschool	No Preschool	Head Start	Some Preschool	No Preschool
BASIC SKILLS	Word Knowledge	-	-	-	-	-	-
	Spelling	-			-	-	-
	Language	-			-		-
	Math Computations		-		-	-	-
COGNITIVE CONCEPTUAL SKILLS	Raven's				-		
	Reading	-			-	-	-
	Math Concepts				-	-	
	Math Problem Solving				-	-	-
AFFECTIVE MEASURES	Coopersmith			-			-
	IARS (-)					-	
	IARS (+)						
	Total Reading	-	-	-	-	-	-
	Total Math				-	-	-
	Language Part A	-			-		-
	Language Part B	-		-	-		-

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:	
+	FT-favoring effect
-	NFT-favoring effect
blank	Null effect
▨	Sample size of less than 30 children in FT and/or NFT

Table F12-(21)-IIK

SUMMARY OF EFFECTS IN COHORT II-K SITES IN THE HOME-SCHOOL PARTNERSHIP MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE				
	New York, NY				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]
Word Knowledge	-	-	-	-	-
Spelling	-	-	-	-	-
Language	-	-	-	-	-
Math Computations	-	-	-	-	
Raven's					-
Reading	-	-	-	-	-
Math Concepts	-	-	-	-	-
Math Problem Solving	-	-	-	-	-
Coopersmith					
IARS (-)				-	
IARS (+)					
Total Reading	-		-	-	-
Total Math	-		-	-	-
Language Part A	-	-	-	-	-
Language Part B	-	-	-	-	-

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(21)-IIK

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT II-K CHILDREN IN THE HOME-SCHOOL PARTNERSHIP MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPULATION	SITES			
		All[a]		New York, NY	
		FT	NFT	FT	NFT
TOTAL READING					
Third Grade Median	61.0	52.5	61.4	52.5	61.4
Median Percentile	50	22	50	22	50
Grade Equivalent	3.5	2.6	3.5	2.6	3.5
% 1 Year or More Below Grade Level	20	48	23	48	23
TOTAL MATHEMATICS					
Third Grade Median	70.5	63.4	68.3	63.4	68.3
Median Percentile	50	26	40	26	40
Grade Equivalent	3.8	3.2	3.6	3.2	3.6
% 1 Year or More Below Grade Level	12	30	20	30	20
SPELLING					
Third Grade Median	64.0	58.0	66.8	58.0	66.8
Median Percentile	50	32	60	32	60
Grade Equivalent	3.6	3.0	4.1	3.0	4.1
% 1 Year or More Below Grade Level	22	39	19	39	19
LANGUAGE					
Third Grade Median	70.0	51.5	59.3	51.5	59.3
Median Percentile	50	10	23	10	23
Grade Equivalent	4.0	2.3	2.9	2.3	2.9
% 1 Year or More Below Grade Level	14	78	56	78	56

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(21)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR HOME-SCHOOL PARTNERSHIP MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	10	8	5	23	47	89	17	153
FALL KINDERGARTEN WRAT								
MEAN	44.30	39.25	32.60	40.00	35.32	36.28	25.41	34.78
STANDARD DEVIATION	9.80	18.41	24.95	16.77	17.30	15.15	6.97	15.48
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	15.11	13.00	13.60	14.10	14.78	14.03	14.06	14.31
STANDARD DEVIATION	1.62	1.55	2.19	1.92	2.17	1.98	2.33	2.13
NUMBER	9	6	5	20	32	38	17	87
FAMILY INCOME IN DOLLARS								
MEAN	4500.00	5333.33	7749.50	5399.90	5328.03	5934.13	4941.12	5517.16
STANDARD DEVIATION	2198.48	1080.12	2629.39	2297.39	2737.30	2557.77	2269.79	2574.84
MEDIAN	4500.00	5250.00	6500.00	5000.00	5740.50	5249.50	4375.00	5312.87
NUMBER	10	6	4	20	32	38	17	87
FAMILY INCOME GE 9999								
PERCENT	0.00	0.00	50.00	10.00	9.38	7.89	5.88	8.05
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	87.50	100.00	95.65	85.11	73.03	82.35	77.78
CHILDS SEX								
PERCENT FEMALE	70.00	62.50	80.00	69.57	46.81	51.69	35.29	48.37
ENTRY AGE IN MONTHS								
MEAN	67.48	67.49	67.20	67.42	66.30	66.58	68.24	66.68
STANDARD DEVIATION	2.40	3.84	3.75	3.12	3.57	3.70	2.95	3.61
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	87.23	75.00	88.24	80.26
MOTHERS EDUCATION IN YEARS								
MEAN	11.47	11.63	10.20	11.26	11.55	12.38	11.60	11.92
STANDARD DEVIATION	1.60	1.06	1.50	1.47	2.22	2.82	1.88	2.46
NUMBER	10	6	4	20	33	38	16	87
PERCENT HS GRAD	40.00	33.33	0.00	30.00	48.48	68.42	43.75	56.32
FEMALE HEADED HOUSEHOLD								
PERCENT	50.00	57.14	80.00	59.09	48.48	35.00	47.06	42.22
NUMBER	10	7	5	22	33	40	17	90
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	43.48	100.00	0.00	0.00	30.72
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	34.78	0.00	100.00	0.00	58.17
PERCENT NO PRESCHOOL	0.00	0.00	100.00	21.74	0.00	0.00	100.00	11.11

Table F15-(21)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR HOME-SCHOOL PARTNERSHIP MODEL IN NEW YORK, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	10	8	5	23	47	89	17	153
FALL KINDERGARTEN WRAT								
MEAN	44.30	39.25	32.60	40.00	35.32	36.28	25.41	34.78
STANDARD DEVIATION	9.80	18.41	24.95	16.77	17.30	15.15	6.97	15.48
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	15.11	13.00	13.60	14.10	14.78	14.03	14.06	14.31
STANDARD DEVIATION	1.62	1.55	2.19	1.92	2.17	1.98	2.33	2.13
NUMBER	9	6	5	20	32	38	17	87
FAMILY INCOME IN DOLLARS								
MEAN	4500.00	5333.33	7749.50	5399.90	5328.03	5934.13	4941.12	5517.16
STANDARD DEVIATION	2198.48	1080.12	2629.39	2297.39	2737.30	2557.77	2269.79	2574.84
MEDIAN	4500.00	5250.00	6500.00	5000.00	5749.50	5249.50	4375.00	5312.87
NUMBER	10	6	4	20	32	38	17	87
FAMILY INCOME GE 9999								
PERCENT	0.00	0.00	50.00	10.00	9.38	7.89	5.88	8.05
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	87.50	100.00	95.65	85.11	73.03	82.35	77.78
CHILDS SEX								
PERCENT FEMALE	70.00	62.50	80.00	69.57	46.81	51.69	35.29	48.37
ENTRY AGE IN MONTHS								
MEAN	67.47	67.49	67.20	67.42	66.30	66.58	68.24	66.68
STANDARD DEVIATION	2.40	3.84	3.75	3.12	3.57	3.70	2.95	3.61
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	87.23	75.00	88.24	80.26
MOTHERS EDUCATION IN YEARS								
MEAN	11.47	11.63	10.20	11.26	11.55	12.38	11.60	11.92
STANDARD DEVIATION	1.60	1.06	1.50	1.47	2.22	2.82	1.88	2.46
NUMBER	10	6	4	20	33	38	16	87
PERCENT HS GRAD	40.00	33.33	0.00	30.00	48.48	68.42	43.75	56.32
FEMALE HEADED HOUSEHOLD								
PERCENT	50.00	57.14	80.00	59.09	48.48	35.00	47.06	42.22
NUMBER	10	7	5	22	33	40	17	90
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	43.48	100.00	0.00	0.00	30.72
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	34.78	0.00	100.00	0.00	58.17
PERCENT NO PRESCHOOL	0.00	0.00	100.00	21.74	0.00	0.00	100.00	11.11

Table F16-(21)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR HOME-SCHOOL PARTNERSHIP MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	10	8	5	23	47	89	17	153
WORD KNOWLEDGE								
MEAN	22.60	21.37	19.80	21.57	28.45	27.91	29.12	28.21
STANDARD DEVIATION	12.74	13.72	19.12	13.93	12.30	10.77	12.32	11.36
SPELLING								
MEAN	18.90	18.37	13.40	17.30	25.49	24.08	25.06	24.62
STANDARD DEVIATION	13.24	13.67	17.63	13.86	13.11	12.91	12.16	12.82
LANGUAGE								
MEAN	9.60	14.50	13.40	12.13	20.36	18.29	17.24	18.81
STANDARD DEVIATION	5.78	8.05	11.72	8.04	9.33	9.13	7.56	9.04
RAVENS								
MEAN	19.40	17.00	14.60	17.52	24.38	24.47	23.47	24.33
STANDARD DEVIATION	5.52	8.37	8.80	7.26	8.13	9.00	9.29	8.72
READING								
MEAN	18.60	17.00	16.40	17.57	18.04	18.96	18.00	18.84
STANDARD DEVIATION	4.50	5.10	6.66	5.05	3.08	4.85	4.86	4.58
MATH CONCEPTS								
MEAN	14.00	16.00	15.20	14.96	23.21	21.49	20.47	21.91
STANDARD DEVIATION	6.90	7.06	11.90	8.16	9.40	8.68	8.68	8.96
MATH COMPUTATIONS								
MEAN	15.40	15.75	16.00	15.65	21.28	20.27	18.71	20.41
STANDARD DEVIATION	8.18	7.30	12.20	8.48	9.71	8.76	8.32	8.99
MATH PROBLEM SOLVING								
MEAN	12.30	11.00	12.40	11.87	16.42	16.39	17.06	16.54
STANDARD DEVIATION	6.11	5.88	10.11	6.73	8.53	8.26	8.04	8.27
COOPERSMITH								
MEAN	37.90	34.12	31.20	35.13	35.51	36.36	38.53	36.33
STANDARD DEVIATION	4.58	7.10	10.01	7.09	6.56	7.67	5.01	7.11
IARS(-)								
MEAN	10.80	7.75	10.60	9.70	10.70	10.52	11.29	10.66
STANDARD DEVIATION	3.08	4.17	2.07	3.51	2.80	3.14	2.95	3.01
IARS(+)								
MEAN	16.20	14.62	18.00	16.04	16.13	15.76	16.71	15.97
STANDARD DEVIATION	2.20	6.28	1.58	4.07	3.53	2.66	2.37	2.93
TOTAL READING								
MEAN	36.60	37.37	35.00	36.52	51.46	49.40	49.59	50.12
STANDARD DEVIATION	18.76	21.46	30.86	21.55	21.29	18.63	20.02	19.52
TOTAL MATH								
MEAN	47.10	43.75	43.00	45.04	62.28	61.13	59.24	61.27
STANDARD DEVIATION	16.99	19.10	30.11	20.09	24.45	24.20	23.88	24.16
LANGUAGE PART A								
MEAN	5.60	7.13	6.60	6.35	8.83	8.20	8.24	8.40
STANDARD DEVIATION	3.57	3.48	4.36	3.60	2.83	3.09	2.80	2.97
LANGUAGE PART B								
MEAN	4.00	7.38	6.80	5.78	11.53	10.09	9.00	10.41
STANDARD DEVIATION	2.03	5.24	7.60	5.01	7.30	7.30	5.94	7.17

Table F17-(21)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR HOME-SCHOOL PARTNERSHIP MODEL IN NEW YORK, NY

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	10	8	5	23	47	89	17	153
WORD KNOWLEDGE								
MEAN	22.60	21.37	19.80	21.57	28.45	27.91	29.12	28.21
STANDARD DEVIATION	12.74	13.72	19.12	13.93	12.30	10.77	12.32	11.36
SPELLING								
MEAN	18.40	18.37	13.40	17.30	25.49	24.08	25.06	24.62
STANDARD DEVIATION	13.24	13.67	17.63	13.86	13.11	12.91	12.16	12.82
LANGUAGE								
MEAN	9.60	14.50	13.40	12.13	20.36	18.29	17.24	18.81
STANDARD DEVIATION	5.78	8.05	11.72	8.04	9.33	9.13	7.56	9.04
RAVENS								
MEAN	19.40	17.00	14.60	17.52	24.38	24.47	23.47	24.33
STANDARD DEVIATION	6.52	8.37	8.88	7.26	8.13	9.00	9.29	8.72
READING								
MEAN	18.60	17.00	16.40	17.57	18.94	18.96	18.00	18.84
STANDARD DEVIATION	4.50	5.10	6.66	5.05	3.98	4.85	4.86	4.58
MATH CONCEPTS								
MEAN	14.00	16.00	15.20	14.96	23.21	21.49	20.47	21.91
STANDARD DEVIATION	6.90	7.96	11.99	8.16	9.60	8.68	8.68	8.96
MATH COMPUTATIONS								
MEAN	15.40	15.75	16.00	15.65	21.28	20.27	18.71	20.41
STANDARD DEVIATION	8.18	7.30	12.29	8.48	9.71	8.76	8.32	8.99
MATH PROBLEM SOLVING								
MEAN	12.30	11.00	12.40	11.87	16.62	16.39	17.06	16.54
STANDARD DEVIATION	6.11	5.88	10.11	6.73	8.53	8.26	8.04	8.27
COOPERSMITH								
MEAN	37.90	34.12	31.20	35.13	35.51	36.34	38.53	36.33
STANDARD DEVIATION	4.58	7.10	10.01	7.09	6.56	7.67	5.01	7.11
TARS(-)								
MEAN	10.80	7.75	10.60	9.70	10.70	10.52	11.29	10.66
STANDARD DEVIATION	3.08	4.17	2.07	3.51	2.80	3.14	2.95	3.01
TARS(+)								
MEAN	16.20	14.62	18.00	16.04	16.13	15.74	16.71	15.97
STANDARD DEVIATION	2.26	6.28	1.58	4.07	3.53	2.66	2.37	2.93
TOTAL READING								
MEAN	36.60	37.37	35.00	36.52	51.66	49.60	49.59	50.12
STANDARD DEVIATION	18.76	21.46	30.85	21.55	21.29	18.63	20.02	19.52
TOTAL MATH								
MEAN	47.10	43.75	43.00	45.04	62.28	61.13	59.24	61.27
STANDARD DEVIATION	16.99	19.19	30.11	20.09	24.65	24.20	23.88	24.14
LANGUAGE PART A								
MEAN	5.60	7.13	6.60	6.35	8.83	8.20	8.24	8.40
STANDARD DEVIATION	3.57	3.48	4.34	3.60	2.93	3.04	2.80	2.97
LANGUAGE PART B								
MEAN	4.00	7.38	6.80	5.78	11.53	10.04	9.00	10.41
STANDARD DEVIATION	2.83	5.24	7.60	5.01	7.30	7.30	5.94	7.17

Table F11-(22)-IIK

SUMMARY OF EFFECTS
FOR CALIFORNIA PROCESS MODEL IN COHORT II-K,
BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS					
		PBLA[a]			PBPA[b]		
	PRESCHOOL CATEGORY	Head Start	Some Preschool	No Preschool	Head Start	Some Preschool	No Preschool
BASIC SKILLS	Word Knowledge	▨ +	▨	▨	▨ +	▨ -	▨
	Spelling	▨	▨	▨	▨	▨	▨
	Language	▨	▨	▨	▨	▨ -	▨
	Math Computations	▨	▨	▨	▨	▨	▨
COGNITIVE CONCEPTUAL SKILLS	Raven's	▨ +	▨	▨	▨ +	▨ +	▨
	Reading	▨	▨	▨	▨	▨ -	▨
	Math Concepts	▨	▨	▨	▨	▨ -	▨
	Math Problem Solving	▨	▨	▨	▨	▨ -	▨
AFFECTIVE MEASURES	Coopersmith	▨	▨	▨	▨ +	▨	▨
	IARS (-)	▨	▨	▨	▨	▨	▨ +
	IARS (+)	▨	▨	▨	▨	▨ -	▨
	Total Reading	▨ +	▨	▨	▨	▨ -	▨
	Total Math	▨	▨	▨	▨	▨	▨
	Language Part A	▨	▨	▨	▨	▨	▨
	Language Part B	▨	▨	▨	▨	▨ -	▨

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:	
+	FT-favoring effect
-	NFT-favoring effect
blank	Null effect
▨	Sample size of less than 30 children in FT and/or NFT

Table F12-(22)-IIK

SUMMARY OF EFFECTS IN COHORT II-K SITES IN THE CALIFORNIA PROCESS MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE																			
	Los Angeles, CA					Ravenswood, CA					Lamont, CA					San Jose, CA				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge					+				+	+				▨		-	-	▨ -	▨ -	-
Spelling					-					-	-			▨		-			▨	
Language											-	-	-	▨		-	-	-	-	
Math Computations						+	+		+	+						-			-	
Raven's	+	+	+	+	+				+								-		▨	-
Reading					+							-		-		-	-	-	▨ -	-
Math Concepts														▨		-	-	-	▨ -	-
Math Problem Solving														▨		-	-	▨ -	▨ -	-
Coopersmith					+				+	+				▨						+
IARS (-)										+				-						
IARS (+)														-					-	-
Total Reading					+									-		-	-	▨ -	▨ -	-
Total Math									+	+				▨		-		-	▨ -	-
Language Part A				+	+									▨	+	-	-	-	▨ -	-
Language Part B											-	-	-	▨	-	-	-	-	-	-

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(22)-IIK

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT II-K CHILDREN IN THE CALIFORNIA PROCESS MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPU-LATION	SITES									
		All[a]		Los Angeles, CA		Ravenswood, CA		Lamont, CA		San Jose, CA	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT	FT	NFT
TOTAL READING											
Third Grade Median	61.0	50.5	56.5	51.8	48.2	55.3	53.8	46.5	59.0	48.5	65.1
Median Percentile	50	16	34	22	12	30	28	9	42	12	64
Grade Equivalent	3.5	2.4	3.0	2.6	2.3	2.9	2.8	2.2	3.3	2.3	3.9
% 1 Year or More Below Grade Level	20	51	36	49	71	38	36	54	38	62	0
TOTAL MATHEMATICS											
Third Grade Median	70.5	58.9	63.0	58.0	57.9	61.2	59.5	57.5	63.5	58.9	71.2
Median Percentile	50	16	26	14	14	20	18	14	28	16	52
Grade Equivalent	3.8	2.9	3.2	2.8	2.8	3.0	3.0	2.8	3.2	2.9	3.8
% 1 Year or More Below Grade Level	12	46	36	51	60	36	43	54	33	43	7
SPELLING											
Third Grade Median	64.0	56.1	60.8	53.7	53.0	61.1	62.8	51.5	62.0	58.0	65.5
Median Percentile	50	26	40	22	20	40	48	18	44	32	58
Grade Equivalent	3.6	2.8	3.3	2.6	2.6	3.3	3.5	2.5	3.4	3.0	3.9
% 1 Year or More Below Grade Level	22	45	28	53	54	31	36	54	24	41	0
LANGUAGE											
Third Grade Median	70.0	53.0	58.4	55.2	52.8	55.3	56.8	51.7	61.0	50.0	63.1
Median Percentile	50	11	22	14	11	14	20	10	28	8	32
Grade Equivalent	4.0	2.4	2.8	2.5	2.4	2.5	2.7	2.3	3.1	2.1	3.2
% 1 Year or More Below Grade Level	14	82	63	75	89	82	86	85	48	84	29

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[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(22)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR CALIFORNIA PROCESS MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	99	87	27	213	25	18	41	84
FALL KINDERGARTEN WRAT								
MEAN	30.41	30.49	25.74	29.85	24.80	40.00	30.85	31.01
STANDARD DEVIATION	11.97	11.82	8.65	11.60	11.54	17.86	13.86	15.02
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.91	12.64	12.96	13.18	13.17	14.71	13.76	13.79
STANDARD DEVIATION	2.14	1.48	1.71	1.88	1.61	2.62	1.95	2.07
NUMBER	54	61	26	141	23	17	41	81
FAMILY INCOME IN DOLLARS								
MEAN	4230.09	4539.63	4370.33	4394.31	4636.27	7233.13	5853.54	5775.51
STANDARD DEVIATION	2532.06	2426.45	2618.61	2501.53	2601.00	2297.77	2741.26	2737.99
MEDIAN	3750.00	4208.33	3875.00	4000.00	3750.00	7000.00	6000.00	5749.50
NUMBER	52	63	27	142	22	15	41	78
FAMILY INCOME GE 9999								
PERCENT	7.69	4.76	3.70	5.63	9.09	20.00	12.20	12.82
CHILDS ETHNICITY								
PERCENT WHITE	0.00	4.60	3.70	2.35	0.00	27.78	36.59	23.81
PERCENT BLACK	89.90	51.72	66.67	71.36	88.00	66.67	31.71	55.95
CHILDS SEX								
PERCENT FEMALE	48.48	54.02	48.15	50.70	40.00	50.00	51.22	47.62
ENTRY AGE IN MONTHS								
MEAN	67.22	67.90	68.51	67.66	67.06	67.66	67.45	67.38
STANDARD DEVIATION	3.87	3.50	4.06	3.76	5.10	4.18	3.78	4.25
PRIMARY LANGUAGE								
PERCENT ENGLISH	91.92	64.37	74.07	78.40	100.00	94.44	85.37	91.67
MOTHERS EDUCATION IN YEARS								
MEAN	11.70	9.65	9.96	10.50	11.49	12.61	10.88	11.41
STANDARD DEVIATION	2.88	3.98	4.27	3.75	2.43	2.65	2.66	2.66
NUMBER	53	58	26	137	20	16	39	75
PERCENT HS GRAD	50.94	34.48	42.31	42.34	40.00	62.50	30.77	40.00
FEMALE HEADED HOUSEHOLD								
PERCENT	38.89	26.98	33.33	32.64	54.17	16.67	31.71	34.94
NUMBER	54	63	27	144	24	18	41	83
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	46.48	100.00	0.00	0.00	29.76
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	40.85	0.00	100.00	0.00	21.43
PERCENT NO PRESCHOOL	0.00	0.00	100.00	12.68	0.00	0.00	100.00	48.81

Table F15-(22)-IIK

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR CALIFORNIA PROCESS MODEL IN LOS ANGELES, CA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	48	30	11	89	17	7	11	35
FALL KINDERGARTEN WRAT								
MEAN	31.08	36.47	31.36	32.93	24.12	45.57	28.73	29.86
STANDARD DEVIATION	11.76	10.69	7.51	11.15	10.80	9.11	12.87	13.64
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	14.62	13.00	13.30	13.84	12.60	14.17	13.91	13.34
STANDARD DEVIATION	2.50	1.29	1.25	2.07	1.30	2.40	1.45	1.70
NUMBER	21	13	10	44	15	6	11	32
FAMILY INCOME IN DOLLARS								
MEAN	4000.00	4699.93	5000.00	4467.37	4099.93	6250.00	5136.36	4766.63
STANDARD DEVIATION	1693.04	2497.88	2578.76	2176.59	2315.91	2397.92	2313.99	2369.75
MEDIAN	4000.00	4500.00	5833.33	4375.00	3500.00	5500.00	5833.33	4749.50
NUMBER	20	15	11	46	15	4	11	30
FAMILY INCOME GE 9999								
PERCENT	0.00	6.67	0.00	2.17	6.67	0.00	0.00	3.33
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT BLACK	100.00	100.00	90.91	98.88	94.12	100.00	100.00	97.14
CHILDS SEX								
PERCENT FEMALE	47.92	60.00	36.36	50.56	52.94	57.14	54.55	54.29
ENTRY AGE IN MONTHS								
MEAN	67.42	69.08	66.37	67.85	66.61	67.53	66.38	66.72
STANDARD DEVIATION	3.45	3.20	3.71	3.49	5.64	3.96	3.77	4.70
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	12.74	12.27	11.64	12.34	11.54	13.40	11.69	11.90
STANDARD DEVIATION	2.12	1.02	2.89	2.08	2.12	.89	1.37	1.80
NUMBER	21	14	11	46	14	5	11	30
PERCENT HS GRAD	61.90	64.29	54.55	60.87	35.71	100.00	27.27	43.33
FEMALE HEADED HOUSEHOLD								
PERCENT	52.38	46.67	27.27	44.68	68.75	28.57	36.36	50.00
NUMBER	21	15	11	47	16	7	11	34
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	53.93	100.00	0.00	0.00	48.57
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	33.71	0.00	100.00	0.00	20.00
PERCENT NO PRESCHOOL	0.00	0.00	100.00	12.36	0.00	0.00	100.00	31.43

Table F15-(22)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR CALIFORNIA PROCESS MODEL IN RAVENSWOOD, CA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	40	13	8	61	6	5	3	14
FALL KINDERGARTEN WRAT								
MEAN	31.20	32.00	22.75	30.26	26.00	24.80	29.33	26.29
STANDARD DEVIATION	12.77	12.23	5.23	12.16	14.23	21.92	13.05	15.97
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.80	13.92	13.00	13.70	14.33	15.00	13.67	14.43
STANDARD DEVIATION	1.80	1.85	1.31	1.74	1.97	3.00	2.08	2.28
NUMBER	25	13	8	46	6	5	3	14
FAMILY INCOME IN DOLLARS								
MEAN	4854.00	4692.15	4312.37	4710.96	5499.80	8099.80	5333.33	6461.38
STANDARD DEVIATION	3218.14	3172.12	3010.87	3104.87	3445.69	1556.94	2309.40	2734.30
MEDIAN	4250.00	3925.00	3000.00	3875.00	4500.00	8500.00	5000.00	6625.00
NUMBER	24	13	8	45	5	5	3	13
FAMILY INCOME GE 9999								
PERCENT	16.67	15.38	12.50	15.56	20.00	20.00	0.00	15.38
CHILDS ETHNICITY								
PERCENT WHITE	0.00	0.00	0.00	0.00	0.00	0.00	33.33	7.14
PERCENT BLACK	100.00	100.00	100.00	100.00	100.00	100.00	66.67	92.86
CHILDS SEX								
PERCENT FEMALE	47.50	61.54	50.00	50.82	0.00	40.00	33.33	21.43
ENTRY AGE IN MONTHS								
MEAN	67.23	68.04	69.71	67.73	67.54	67.90	63.78	66.78
STANDARD DEVIATION	4.33	3.29	3.65	4.08	3.93	4.51	2.71	3.97
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.70	11.85	12.70	11.91	12.58	11.17	14.00	12.23
STANDARD DEVIATION	2.49	2.53	1.40	2.34	1.70	2.07	1.41	1.98
NUMBER	24	12	7	43	5	5	2	12
PERCENT HS GRAD	50.00	50.00	71.43	53.49	60.00	40.00	100.00	58.33
FEMALE HEADED HOUSEHOLD								
PERCENT	36.00	53.85	37.50	41.30	33.33	20.00	33.33	28.57
NUMBER	25	13	8	46	6	5	3	14
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	65.57	100.00	0.00	0.00	42.86
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	21.31	0.00	100.00	0.00	35.71
PERCENT NO PRESCHOOL	0.00	0.00	100.00	13.11	0.00	0.00	100.00	21.43

Table F15-(22)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR CALIFORNIA PROCESS MODEL IN SAN JOSE, CA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	8	28	1	37	0	4	10	14
FALL KINDERGARTEN WRAT								
MEAN	26.37	27.18	35.00	27.22	0.00	56.50	31.90	38.93
STANDARD DEVIATION	7.67	11.01	0.00	10.20	0.00	5.20	9.23	14.08
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.60	12.68	13.00	12.60	0.00	16.25	13.50	14.29
STANDARD DEVIATION	.45	.67	0.00	.65	0.00	2.50	1.65	2.23
NUMBER	5	19	1	25	0	4	10	14
FAMILY INCOME IN DOLLARS								
MEAN	2600.00	5263.16	1500.00	4580.00	0.00	8624.50	5199.80	6178.29
STANDARD DEVIATION	821.58	2345.07	0.00	2426.76	0.00	1600.21	3491.39	3399.92
MEDIAN	2975.00	5500.00	1500.00	4500.00	0.00	7750.00	4750.00	6750.00
NUMBER	5	19	1	25	0	4	10	14
FAMILY INCOME OF 9999								
PERCENT	0.00	0.00	0.00	0.00	0.00	50.00	20.00	28.57
CHILDS ETHNICITY								
PERCENT WHITE	0.00	3.57	0.00	2.70	0.00	100.00	40.00	57.14
PERCENT BLACK	12.50	7.14	0.00	8.11	0.00	0.00	0.00	0.00
CHILDS SEX								
PERCENT FEMALE	62.50	46.43	100.00	51.35	0.00	75.00	80.00	78.57
ENTRY AGE IN MONTHS								
MEAN	65.36	66.61	66.43	66.33	0.00	65.96	67.42	67.00
STANDARD DEVIATION	4.06	3.49	0.00	3.56	0.00	5.29	4.16	4.35
PRIMARY LANGUAGE								
PERCENT ENGLISH	37.50	35.71	0.00	35.14	0.00	100.00	90.00	92.86
MOTHERS EDUCATION IN YEARS								
MEAN	6.70	9.06	7.95	8.55	0.00	14.99	10.92	12.09
STANDARD DEVIATION	3.91	3.75	0.00	3.71	0.00	2.85	2.50	3.11
NUMBER	5	17	1	23	0	4	10	14
PERCENT HS GRAD	0.00	23.53	0.00	17.39	0.00	75.00	40.00	50.00
FEMALE HEADED HOUSEHOLD								
PERCENT	0.00	10.53	100.00	12.00	0.00	0.00	60.00	42.86
NUMBER	5	19	1	25	0	4	10	14
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	21.62	0.00	0.00	0.00	0.00
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	75.68	0.00	100.00	0.00	28.57
PERCENT NO PRESCHOOL	0.00	0.00	100.00	2.70	0.00	0.00	100.00	71.43

Table F15-(22)-IIK (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR CALIFORNIA PROCESS MODEL IN LAMONT, CA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	3	16	7	26	2	2	17	21
FALL KINDERGARTEN WRAT								
MEAN	19.67	23.87	19.00	22.08	27.00	25.50	31.88	30.81
STANDARD DEVIATION	11.06	10.08	7.79	9.52	16.97	6.36	17.37	16.22
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	12.67	11.25	12.43	11.73	14.00	12.50	13.82	13.71
STANDARD DEVIATION	2.08	.77	2.70	1.69	0.00	2.12	2.46	2.28
NUMBER	3	16	7	26	2	2	17	21
FAMILY INCOME IN DOLLARS								
MEAN	3500.00	3406.25	3857.14	3538.46	6500.00	4250.00	6793.94	6523.67
STANDARD DEVIATION	1802.78	1503.44	2375.47	1777.21	2121.32	2474.87	2518.81	2487.14
MEDIAN	4000.00	3250.00	3500.00	3416.67	6500.00	4250.00	7124.75	6875.25
NUMBER	3	16	7	26	2	2	17	21
FAMILY INCOME GE 9999								
PERCENT	0.00	0.00	0.00	0.00	0.00	0.00	17.65	14.29
CHILDS ETHNICITY								
PERCENT WHITE	0.00	18.75	14.29	15.38	0.00	50.00	58.82	52.38
PERCENT BLACK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHILDS SEX								
PERCENT FEMALE	33.33	50.00	57.14	50.00	50.00	0.00	35.29	33.33
ENTRY AGE IN MONTHS								
MEAN	68.30	67.80	71.07	68.74	69.38	71.03	68.82	69.08
STANDARD DEVIATION	3.97	3.74	3.55	3.84	4.77	2.54	3.30	3.26
PRIMARY LANGUAGE								
PERCENT ENGLISH	0.00	18.75	14.29	15.38	100.00	50.00	70.59	71.43
MOTHERS EDUCATION IN YEARS								
MEAN	12.32	6.14	4.83	6.51	5.45	9.45	9.90	9.62
STANDARD DEVIATION	1.18	4.21	3.81	4.38	0.00	2.12	3.17	3.11
NUMBER	3	15	7	25	1	2	16	19
PERCENT HS GRAD	66.67	6.67	0.00	12.00	0.00	0.00	18.75	15.79
FEMALE HEADED HOUSEHOLD								
PERCENT	33.33	6.25	28.57	15.38	0.00	0.00	11.76	9.52
NUMBER	3	16	7	26	2	2	17	21
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	11.54	100.00	0.00	0.00	9.52
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	61.54	0.00	100.00	0.00	9.52
PERCENT NO PRESCHOOL	0.00	0.00	100.00	26.92	0.00	0.00	100.00	80.95

Table F16-(22)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR CALIFORNIA PROCESS MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	99	87	27	213	25	18	41	84
WORD KNOWLEDGE								
MEAN	20.35	17.29	21.59	19.26	13.52	28.00	25.49	22.46
STANDARD DEVIATION	10.08	10.70	10.27	10.45	7.70	11.81	11.30	11.94
SPELLING								
MEAN	14.87	14.20	15.67	14.69	11.68	21.11	19.90	17.71
STANDARD DEVIATION	11.84	11.47	12.74	11.76	10.53	13.16	11.31	12.04
LANGUAGE								
MEAN	13.66	12.34	12.30	12.95	11.24	18.94	16.54	15.48
STANDARD DEVIATION	5.85	6.21	5.50	5.97	3.83	9.10	8.07	7.82
RAVENS								
MEAN	17.06	16.64	16.10	16.78	14.20	16.78	17.46	16.35
STANDARD DEVIATION	8.38	6.62	6.56	7.46	4.11	7.70	6.03	6.05
READING								
MEAN	18.60	18.40	18.96	18.56	15.28	17.06	19.54	17.74
STANDARD DEVIATION	4.61	4.36	3.93	4.41	4.43	6.30	5.19	5.50
MATH CONCEPTS								
MEAN	15.21	14.18	16.44	14.95	12.76	23.28	19.59	18.35
STANDARD DEVIATION	6.66	7.63	6.30	7.05	4.17	9.20	8.06	8.31
MATH COMPUTATIONS								
MEAN	14.57	13.62	13.48	14.04	12.44	19.22	18.44	16.82
STANDARD DEVIATION	7.11	7.82	7.83	7.15	4.42	7.70	7.72	7.40
MATH PROBLEM SOLVING								
MEAN	11.61	10.87	12.56	11.43	10.88	15.06	14.39	13.49
STANDARD DEVIATION	5.95	6.20	5.43	5.99	4.41	7.81	6.70	6.56
COOPERSMITH								
MEAN	36.15	36.23	36.56	36.23	32.12	40.17	36.66	36.06
STANDARD DEVIATION	7.38	6.24	8.89	7.12	6.78	5.92	9.43	8.48
IARS(-)								
MEAN	9.41	9.59	9.78	9.53	9.12	10.33	9.22	9.43
STANDARD DEVIATION	2.78	2.71	2.87	2.75	2.95	3.40	2.81	2.98
IARS(+)								
MEAN	15.29	14.72	15.59	15.06	14.40	16.39	16.32	15.74
STANDARD DEVIATION	2.92	3.16	2.68	2.99	3.11	2.17	1.84	2.49
TOTAL READING								
MEAN	35.57	31.47	38.04	34.21	26.28	51.28	45.07	40.81
STANDARD DEVIATION	15.98	17.71	15.43	16.71	10.41	20.27	18.68	19.52
TOTAL MATH								
MEAN	43.23	41.14	42.22	42.25	37.52	51.06	50.29	46.65
STANDARD DEVIATION	10.26	17.98	17.51	18.47	10.24	22.26	18.31	18.15
LANGUAGE PART A								
MEAN	6.53	6.08	6.30	6.31	5.32	8.11	7.37	6.92
STANDARD DEVIATION	3.15	3.18	2.92	3.13	2.53	3.38	3.40	3.30
LANGUAGE PART B								
MEAN	7.13	6.26	6.00	6.63	5.02	10.83	9.17	8.56
STANDARD DEVIATION	3.86	4.13	3.35	3.92	2.52	7.20	6.04	5.78

Table F17-(22)-IIK

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR CALIFORNIA PROCESS MODEL IN LOS ANGELES, CA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	48	30	11	89	17	7	11	35
WORD KNOWLEDGE								
MEAN	19.48	19.56	19.82	19.53	12.12	26.00	17.00	16.03
STANDARD DEVIATION	9.22	10.36	11.43	9.78	5.50	10.26	8.84	8.77
SPELLING								
MEAN	13.00	13.77	9.36	12.81	10.94	17.71	13.91	13.23
STANDARD DEVIATION	10.25	13.16	11.21	11.37	9.58	13.44	14.00	11.81
LANGUAGE								
MEAN	13.33	14.53	11.73	13.54	11.00	14.43	12.36	12.11
STANDARD DEVIATION	5.59	6.77	5.97	6.05	3.91	3.55	7.07	5.09
RAVENS								
MEAN	15.48	15.87	13.55	15.37	13.82	14.00	15.27	14.31
STANDARD DEVIATION	8.03	5.56	5.37	6.96	4.26	3.46	5.75	4.56
READING								
MEAN	18.94	16.10	19.91	18.10	14.94	12.43	15.73	14.69
STANDARD DEVIATION	4.33	3.70	4.37	4.45	4.02	5.94	4.38	4.57
MATH CONCEPTS								
MEAN	15.27	16.27	16.45	15.75	11.94	19.00	13.18	13.74
STANDARD DEVIATION	6.62	6.66	8.31	6.79	4.12	6.58	4.26	5.33
MATH COMPUTATIONS								
MEAN	14.15	13.73	12.64	13.82	11.71	16.71	13.00	13.11
STANDARD DEVIATION	6.58	7.50	8.50	7.08	3.20	4.31	7.59	5.36
MATH PROBLEM SOLVING								
MEAN	11.62	11.23	12.09	11.55	9.71	13.57	9.73	10.49
STANDARD DEVIATION	5.67	5.34	5.24	5.36	2.76	2.57	5.90	4.18
COOPERSMITH								
MEAN	34.65	35.67	36.00	35.16	31.88	41.71	34.82	34.77
STANDARD DEVIATION	7.71	6.05	10.78	7.57	7.09	4.61	12.71	9.43
TABS(-)								
MEAN	9.02	9.50	9.18	9.20	8.82	9.71	7.91	8.71
STANDARD DEVIATION	2.42	2.46	1.60	2.34	3.05	3.77	3.14	3.20
TABS(+)								
MEAN	15.54	15.53	16.09	15.61	14.18	16.14	15.64	15.03
STANDARD DEVIATION	2.04	2.61	2.21	2.56	3.11	2.12	2.16	2.73
TOTAL READING								
MEAN	34.75	35.77	36.27	35.28	24.06	43.00	30.18	29.77
STANDARD DEVIATION	14.85	16.30	18.16	15.59	7.87	16.12	12.37	13.13
TOTAL MATH								
MEAN	41.25	40.83	38.27	40.74	35.24	44.29	38.00	37.91
STANDARD DEVIATION	15.39	16.03	17.39	17.34	6.25	8.98	17.26	11.50
LANGUAGE PART A								
MEAN	6.07	7.37	6.27	6.85	5.18	7.14	6.00	5.83
STANDARD DEVIATION	3.22	3.16	2.97	3.16	2.48	3.24	3.26	2.91
LANGUAGE PART B								
MEAN	6.07	7.37	5.45	6.69	5.82	7.29	6.36	6.29
STANDARD DEVIATION	3.58	4.68	3.30	3.94	2.58	2.50	5.08	3.49

Table F17-(22)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR CALIFORNIA PROCESS MODEL IN RAVENSWOOD, CA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	40	13	8	61	6	5	3	14
WORD KNOWLEDGE								
MEAN	21.95	22.38	28.13	22.85	14.00	25.80	24.67	20.50
STANDARD DEVIATION	10.59	10.89	8.11	10.42	11.08	8.32	9.07	10.75
SPELLING								
MEAN	17.67	20.85	25.50	19.11	11.67	21.80	30.00	19.21
STANDARD DEVIATION	13.09	11.57	8.52	12.42	16.65	12.74	13.00	14.63
LANGUAGE								
MEAN	13.95	12.00	14.50	13.61	12.33	17.00	14.67	14.50
STANDARD DEVIATION	5.90	3.16	4.78	5.30	4.41	4.85	4.51	4.76
RAVENS								
MEAN	18.50	20.46	20.25	19.15	13.83	12.20	16.33	13.79
STANDARD DEVIATION	8.90	8.89	6.92	8.58	1.72	4.82	1.53	3.33
READING								
MEAN	17.55	18.54	17.62	17.77	15.50	16.20	21.33	17.00
STANDARD DEVIATION	4.81	4.37	1.92	4.41	5.02	3.42	3.21	4.93
MATH CONCEPTS								
MEAN	15.12	18.00	17.62	16.07	14.33	18.60	21.33	17.36
STANDARD DEVIATION	6.49	6.76	3.58	6.30	4.63	2.88	11.37	6.26
MATH COMPUTATIONS								
MEAN	15.55	15.00	15.25	15.39	12.00	15.20	18.33	14.50
STANDARD DEVIATION	7.50	7.00	7.98	7.34	5.10	4.02	1.53	4.67
MATH PROBLEM SOLVING								
MEAN	11.32	12.85	14.00	12.13	12.00	9.20	14.33	11.50
STANDARD DEVIATION	6.07	7.20	6.28	6.30	5.33	3.70	2.31	4.47
COOPERSMITH								
MEAN	37.77	38.54	40.50	38.30	31.83	39.00	35.00	35.07
STANDARD DEVIATION	7.09	5.80	4.63	6.54	6.49	6.44	8.72	7.17
IARS(-)								
MEAN	10.10	8.92	11.25	10.00	9.33	9.60	6.67	8.86
STANDARD DEVIATION	3.07	3.20	3.69	3.20	3.14	4.16	4.04	3.61
IARS(+)								
MEAN	14.70	13.46	14.75	14.57	14.50	15.00	16.67	15.14
STANDARD DEVIATION	3.43	4.59	3.11	3.65	3.73	2.35	2.08	2.91
TOTAL READING								
MEAN	37.07	40.38	45.75	38.92	28.33	44.40	46.00	37.86
STANDARD DEVIATION	16.39	17.12	11.11	16.02	15.37	10.69	19.97	16.16
TOTAL MATH								
MEAN	45.57	48.31	49.50	46.67	37.83	36.60	49.00	39.79
STANDARD DEVIATION	19.96	21.38	17.26	19.69	10.42	10.66	3.61	10.19
LANGUAGE PART A								
MEAN	6.90	6.54	7.00	6.51	5.83	8.20	8.33	7.21
STANDARD DEVIATION	3.19	2.99	2.88	3.03	2.99	2.59	3.21	2.94
LANGUAGE PART B								
MEAN	7.55	5.46	7.50	7.10	6.50	8.80	6.33	7.29
STANDARD DEVIATION	3.75	2.03	3.85	3.53	2.59	3.70	2.08	2.97

Table F17-(22)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR CALIFORNIA PROCESS MODEL IN SAN JOSE, CA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	8	28	1	37	0	4	10	14
WORD KNOWLEDGE								
MEAN	18.13	13.86	18.00	14.89	0.00	43.25	32.60	35.64
STANDARD DEVIATION	11.91	10.58	6.59	10.61	0.00	2.99	7.21	7.94
SPELLING								
MEAN	14.53	14.96	21.00	15.03	0.00	33.00	23.00	25.86
STANDARD DEVIATION	12.97	9.47	6.59	10.05	0.00	6.06	6.55	7.75
LANGUAGE								
MEAN	11.86	10.25	17.00	10.78	0.00	31.00	15.90	20.21
STANDARD DEVIATION	5.74	6.30	6.59	6.14	0.00	11.69	4.75	9.86
RAVENS								
MEAN	17.64	16.14	16.00	16.46	0.00	27.75	19.40	21.79
STANDARD DEVIATION	6.35	6.45	6.59	6.46	0.00	8.06	7.47	8.30
READING								
MEAN	21.14	19.96	22.00	20.27	0.00	24.75	23.60	23.93
STANDARD DEVIATION	1.69	4.53	6.59	4.03	0.00	1.50	2.63	2.37
MATH CONCEPTS								
MEAN	14.25	11.86	14.00	12.43	0.00	37.25	25.70	29.00
STANDARD DEVIATION	7.03	8.44	6.59	8.15	0.00	2.99	5.70	7.34
MATH COMPUTATIONS								
MEAN	10.50	13.21	16.00	12.70	0.00	31.50	23.50	25.79
STANDARD DEVIATION	4.65	7.26	6.59	7.04	0.00	3.42	5.72	6.28
MATH PROBLEM SOLVING								
MEAN	9.13	10.14	9.00	9.89	0.00	27.50	17.80	20.57
STANDARD DEVIATION	6.24	7.30	6.59	6.91	0.00	5.32	2.96	5.76
COOPERSMITH								
MEAN	38.64	37.57	23.00	37.41	0.00	43.25	37.90	39.43
STANDARD DEVIATION	4.75	6.55	6.59	6.53	0.00	4.11	7.05	6.68
TANS(-)								
MEAN	7.88	10.00	10.00	9.56	0.00	11.75	9.90	10.43
STANDARD DEVIATION	3.00	2.93	6.59	3.00	0.00	2.63	2.73	2.76
TANS(+)								
MEAN	15.00	14.18	13.00	14.32	0.00	17.75	14.20	16.64
STANDARD DEVIATION	1.03	2.87	6.59	2.61	0.00	1.50	1.93	1.91
TOTAL READING								
MEAN	32.37	25.71	32.00	27.32	0.00	80.50	58.30	64.64
STANDARD DEVIATION	18.71	18.40	6.59	19.17	0.00	5.20	11.95	14.61
TOTAL MATH								
MEAN	37.25	39.50	41.00	39.05	0.00	86.75	60.70	68.14
STANDARD DEVIATION	18.23	19.89	6.59	19.03	0.00	15.65	14.32	18.65
LANGUAGE PART A								
MEAN	6.25	4.68	9.00	5.14	0.00	11.25	9.00	9.64
STANDARD DEVIATION	3.33	3.16	6.59	3.24	0.00	2.63	2.31	2.53
LANGUAGE PART B								
MEAN	5.63	5.57	8.00	5.65	0.00	19.75	6.90	10.57
STANDARD DEVIATION	2.83	4.19	6.59	3.86	0.00	10.78	3.48	8.46

Table F17-(22)-IIK (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT II-K PRESCHOOL SAMPLE
FOR CALIFORNIA PROCESS MODEL IN LAMONT, CA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	3	16	7	26	2	2	17	21
WORD KNOWLEDGE								
MEAN	19.00	15.00	17.43	16.12	24.00	17.00	26.94	25.71
STANDARD DEVIATION	15.62	9.60	8.83	9.79	8.49	11.31	12.13	11.70
SPELLING								
MEAN	13.67	8.25	13.57	10.31	18.00	7.50	20.18	18.76
STANDARD DEVIATION	12.21	8.58	14.07	11.07	5.66	9.19	10.11	10.10
LANGUAGE								
MEAN	19.67	12.19	10.00	12.46	10.00	15.50	19.94	18.57
STANDARD DEVIATION	8.96	5.95	5.32	6.51	0.00	7.78	9.54	9.26
RAVENS								
MEAN	21.67	15.87	15.71	16.50	18.50	16.00	17.94	17.81
STANDARD DEVIATION	10.21	5.80	6.87	6.59	7.78	2.83	5.48	5.45
READING								
MEAN	20.33	19.87	18.57	19.58	17.50	26.00	19.29	19.19
STANDARD DEVIATION	4.96	3.59	5.00	4.21	4.95	1.41	5.39	5.00
MATH CONCEPTS								
MEAN	18.00	11.25	15.43	13.15	15.00	22.00	19.82	19.57
STANDARD DEVIATION	9.54	6.56	6.53	7.06	1.41	9.90	8.03	7.70
MATH COMPUTATIONS								
MEAN	19.00	13.00	12.43	13.54	20.00	13.50	19.00	18.57
STANDARD DEVIATION	9.54	6.11	7.93	6.99	7.07	2.12	7.58	7.19
MATH PROBLEM SOLVING								
MEAN	19.00	9.88	12.14	11.54	17.50	10.00	15.41	15.10
STANDARD DEVIATION	6.30	5.28	5.52	5.86	9.19	0.00	7.86	7.56
COOPERSMITH								
MEAN	32.00	33.06	34.86	33.42	35.00	31.50	37.41	36.62
STANDARD DEVIATION	7.55	5.37	8.28	6.26	8.49	6.36	8.92	8.51
IAWS(-)								
MEAN	10.67	9.56	9.00	9.54	11.00	11.50	10.12	10.33
STANDARD DEVIATION	.58	2.48	3.37	2.58	1.41	2.12	1.93	1.88
IAWS(+)								
MEAN	14.33	15.19	16.14	15.35	16.00	18.00	16.76	16.81
STANDARD DEVIATION	2.09	2.00	2.97	2.91	1.41	1.41	1.52	1.50
TOTAL READING								
MEAN	37.00	26.25	32.86	29.27	39.00	39.00	46.76	45.29
STANDARD DEVIATION	25.16	15.64	14.71	16.31	9.90	21.21	10.52	18.49
TOTAL MATH								
MEAN	59.67	38.75	40.29	41.58	58.00	39.50	52.35	51.68
STANDARD DEVIATION	23.69	16.08	19.30	17.67	24.04	4.95	18.36	18.28
LANGUAGE PART A								
MEAN	6.67	5.75	5.14	5.69	5.00	5.00	7.12	6.71
STANDARD DEVIATION	3.21	2.52	3.02	2.65	2.83	4.24	3.84	3.72
LANGUAGE PART B								
MEAN	13.00	6.44	4.86	6.77	5.00	10.50	12.82	11.86
STANDARD DEVIATION	7.55	4.16	2.73	4.74	2.83	3.54	6.50	6.44

Table F11-(6)-IIIEF

SUMMARY OF EFFECTS
FOR MATHEMAGENIC ACTIVITIES MODEL IN COHORT III-EF,
BY OUTCOME BY ANALYSIS BY PRESCHOOL CATEGORY

DOMAIN	OUTCOME MEASURE	ANALYSIS: PBLA[a] Head Start	PBLA[a] Some Preschool	PBLA[a] No Preschool	PBPA[b] Head Start	PBPA[b] Some Preschool	PBPA[b] No Preschool
BASIC SKILLS	Word Knowledge						
	Spelling					+	
	Language						
	Math Computations		+		+	+	+
COGNITIVE CONCEPTUAL SKILLS	Raven's					+	
	Reading				-		-
	Math Concepts		+			+	
	Math Problem Solving				+	+	
AFFECTIVE MEASURES	Coopersmith				+		
	IARS(-)				-	-	-
	IARS(+)				-		
	Total Reading				-		-
	Total Math		+		+	+	
	Language Part A						
	Language Part B		+			+	

[a] Preschool Blocked Local Analysis

[b] Preschool Blocked Pooled Analysis

Key:
+ FT-favoring effect
- NFT-favoring effect
blank Null effect
▨ Sample size of less than 30 children in FT and/or NFT

Table F12-(6)-IIIEF

SUMMARY OF EFFECTS IN COHORT III-EF SITES IN THE MATHEMAGENIC ACTIVITIES MODEL, BY OUTCOME BY ANALYSIS

OUTCOME	SITE: Gulfport, MS					Pickens Co., GA					Lee Co., VA				
ANALYSIS	Local[a]	Local (PS)[b]	PALA[c]	PAPA[d]	Pooled[e]	Local	Local (PS)	PALA	PAPA	Pooled	Local	Local (PS)	PALA	PAPA	Pooled
Word Knowledge	-				-			-	-						
Spelling								-	-				+	+	
Language				-				▨ +	+						
Math Computations	+	+	+	+	+						+	+	+	+	+
Raven's									+	+	+		+	+	
Reading	-	-		-	-			-	-				+	+	
Math Concepts									+				+	+	
Math Problem Solving								▨					+	+	
Coopersmith				+				▨							
IARS (-)	-	-	-	-	-			-	-				-	-	
IARS (+)								-							
Total Reading	-		-	-	-			-	-				+		
Total Math				+	+			▨				+	+	+	
Language Part A	-	-	-	-	-										
Language Part B								▨	+				+		

[a] Local Analysis

[b] Local Analysis on Preschool Sample

[c] Preschool Adjusted Local Analysis

[d] Preschool Adjusted Pooled Analysis

[e] Pooled Analysis

▨ Untrustworthy Effect

Table F13-(6)-IIIEF

SELECTED ACHIEVEMENT INDICES FOR THE MAT NORM POPULATION AND FOR COHORT III-EF CHILDREN IN THE MATHEMAGENIC ACTIVITIES MODEL BY SITE AND TREATMENT

INDICES	MAT NORM POPULATION	SITES							
		All[a]		Gulfport, MS		Pickens Co., GA		Lee Co., VA	
		FT	NFT	FT	NFT	FT	NFT	FT	NFT
TOTAL READING									
Third Grade Median	61.0	56.0	61.2	50.9	59.5	58.6	66.8	58.5	57.2
Median Percentile	50	34	50	20	46	42	68	40	36
Grade Equivalent	3.5	3.0	3.5	2.5	3.4	3.3	4.2	3.2	3.1
% 1 Year or More Below Grade Level	20	37	17	52	19	30	5	30	27
TOTAL MATHEMATICS									
Third Grade Median	70.5	66.1	66.2	61.2	62.0	67.0	70.1	70.1	66.5
Median Percentile	50	34	34	20	23	38	48	48	34
Grade Equivalent	3.8	3.4	3.4	3.0	3.1	3.5	3.7	3.7	3.4
% 1 Year or More Below Grade Level	12	22	19	32	30	17	5	17	21
SPELLING									
Third Grade Median	64.0	62.4	64.3	59.2	59.0	62.8	71.8	65.2	62.0
Median Percentile	50	44	50	36	36	48	76	54	44
Grade Equivalent	3.6	3.4	3.6	3.0	3.0	3.5	4.7	3.8	3.4
% 1 Year or More Below Grade Level	22	25	21	33	27	20	10	22	27
LANGUAGE									
Third Grade Median	70.0	61.0	62.1	58.2	63.7	59.8	62.2	65.0	60.5
Median Percentile	50	28	30	22	34	26	30	38	26
Grade Equivalent	4.0	3.1	3.2	2.8	3.3	3.0	3.2	3.4	3.0
% 1 Year or More Below Grade Level	14	54	43	66	40	58	38	39	50

[a] Third Grade Median and % 1 Year Below Grade Level are means of site indices; the Median Percentile and Grade Equivalent are computed using the Third Grade Median.

Table F14-(6)-IIIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR MATHEMAGENIC MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	98	185	50	333	43	73	53	169
FALL KINDERGARTEN WRAT								
MEAN	45.05	50.28	43.74	47.76	48.98	53.66	42.96	49.11
STANDARD DEVIATION	11.37	10.44	14.38	11.70	8.68	10.11	9.94	10.68
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.35	15.26	13.93	14.43	14.14	15.63	14.17	14.90
STANDARD DEVIATION	1.70	2.41	1.59	2.26	2.18	2.34	2.12	2.36
NUMBER	60	94	27	181	36	68	30	134
FAMILY INCOME IN DOLLARS								
MEAN	4635.9[illegible]	5996.61	5163.96	5418.53	4370.22	6879.77	5157.94	5780.29
STANDARD DEVIATION	2529.20	3090.73	2588.50	2848.69	2413.59	2957.12	2977.79	3014.53
MEDIAN	4400.00	5600.00	5074.62	5000.00	3850.00	7675.12	4449.75	5612.94
NUMBER	62	95	25	182	37	65	31	133
FAMILY INCOME GE 9999								
PERCENT	8.06	23.16	4.00	15.38	5.41	23.08	12.90	15.79
CHILDS ETHNICITY								
PERCENT WHITE	45.92	94.59	94.00	80.18	74.42	98.63	84.91	88.17
PERCENT BLACK	53.06	5.41	4.00	19.22	25.58	1.37	15.09	11.83
CHILDS SEX								
PERCENT FEMALE	42.86	51.89	60.00	50.45	53.49	42.47	37.74	43.79
ENTRY AGE IN MONTHS								
MEAN	64.35	65.72	64.17	65.08	65.72	65.34	64.92	65.31
STANDARD DEVIATION	5.03	4.25	3.95	4.49	4.33	4.11	5.31	4.55
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.92	11.41	9.15	10.93	9.38	12.11	9.18	10.69
STANDARD DEVIATION	2.89	3.52	2.76	3.30	4.00	2.96	3.46	3.65
NUMBER	58	98	26	182	37	67	31	135
PERCENT HS GRAD	37.93	55.10	19.23	44.51	37.84	62.69	25.81	47.41
FEMALE HEADED HOUSEHOLD								
PERCENT	16.13	8.00	3.70	10.05	7.89	8.82	6.25	7.97
NUMBER	62	100	27	189	38	68	32	138
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	29.43	100.00	0.00	0.00	25.44
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	55.56	0.00	100.00	0.00	43.20
PERCENT NO PRESCHOOL	0.00	0.00	100.00	15.02	0.00	0.00	100.00	31.36

Table F15-(6)-IIIEF

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR MATHEMAGENIC MODEL IN GULFPORT, MS

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	53	22	19	94	12	27	31	70
FALL KINDERGARTEN WRAT								
MEAN	45.83	48.41	48.21	46.91	49.58	55.74	44.29	49.61
STANDARD DEVIATION	11.23	10.76	13.64	11.59	7.99	7.98	9.58	10.09
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.13	15.17	14.50	13.98	14.64	15.88	14.20	15.23
STANDARD DEVIATION	2.07	2.41	2.27	2.34	2.16	2.01	1.81	2.10
NUMBER	23	12	10	45	11	26	10	47
FAMILY INCOME IN DOLLARS								
MEAN	4413.00	6530.46	6655.44	5473.20	5699.90	8519.64	6789.90	7508.64
STANDARD DEVIATION	2558.90	3090.31	2936.74	2941.14	2859.51	1797.14	2509.15	2482.67
MEDIAN	4650.00	5250.00	5749.75	5133.67	5300.00	9725.37	6299.50	8000.00
NUMBER	23	13	9	45	10	25	10	45
FAMILY INCOME GE 9999								
PERCENT	4.35	30.77	11.11	13.33	10.00	36.00	10.00	24.44
CHILDS ETHNICITY								
PERCENT WHITE	15.09	63.64	84.21	40.43	8.33	96.30	74.19	71.43
PERCENT BLACK	83.02	36.36	10.53	57.45	91.67	3.70	25.81	28.57
CHILDS SEX								
PERCENT FEMALE	45.28	36.36	52.63	44.68	33.33	33.33	29.03	31.43
ENTRY AGE IN MONTHS								
MEAN	64.65	63.61	62.75	64.02	63.31	64.01	64.67	64.18
STANDARD DEVIATION	5.43	3.35	4.71	4.89	3.98	3.84	5.63	4.70
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	11.97	12.02	10.13	11.60	11.89	13.42	11.67	12.69
STANDARD DEVIATION	2.41	2.92	2.51	2.65	2.57	1.85	1.66	2.12
NUMBER	21	13	9	43	11	26	10	47
PERCENT HS GRAD	47.62	61.54	22.22	46.51	54.55	88.46	50.00	72.34
FEMALE HEADED HOUSEHOLD								
PERCENT	26.09	15.38	0.00	17.39	18.18	3.85	10.00	8.51
NUMBER	23	13	10	46	11	26	10	47
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	56.38	100.00	0.00	0.00	17.14
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	23.40	0.00	100.00	0.00	38.57
PERCENT NO PRESCHOOL	0.00	0.00	100.00	20.21	0.00	0.00	100.00	44.29

Table F15-(6)-IIIEF (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR MATHEMAGENIC MODEL IN PICKENS CO., GA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	30	25	9	64	1	16	4	21
FALL KINDERGARTEN WRAT								
MEAN	46.23	52.40	42.33	48.09	53.00	57.56	44.50	54.86
STANDARD DEVIATION	10.13	10.45	12.41	11.05	0.00	8.87	8.10	9.81
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.97	16.32	13.89	14.64	13.00	15.87	13.25	15.24
STANDARD DEVIATION	1.01	2.10	1.05	2.03	0.00	2.16	.50	2.21
NUMBER	30	25	9	64	1	16	4	21
FAMILY INCOME IN DOLLARS								
MEAN	4699.93	7707.92	4762.50	5872.39	5200.00	8187.19	8924.25	8185.33
STANDARD DEVIATION	2119.52	2398.51	2283.44	2628.05	0.00	1991.97	2149.50	2055.20
MEDIAN	4500.00	8200.00	5250.00	5140.00	5200.00	8299.50	9282.50	9733.67
NUMBER	30	24	8	62	1	16	4	21
FAMILY INCOME GE 9999								
PERCENT	6.67	41.67	0.00	19.35	0.00	31.25	75.00	38.10
CHILDS ETHNICITY								
PERCENT WHITE	73.33	100.00	100.00	87.50	100.00	100.00	100.00	100.00
PERCENT BLACK	26.67	0.00	0.00	12.50	0.00	0.00	0.00	0.00
CHILDS SEX								
PERCENT FEMALE	46.67	44.00	77.78	50.00	100.00	50.00	100.00	61.90
ENTRY AGE IN MONTHS								
MEAN	62.67	62.23	65.84	62.95	58.43	66.62	62.24	65.43
STANDARD DEVIATION	3.48	3.27	3.96	3.62	0.00	4.23	3.55	4.57
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.91	12.88	7.78	11.03	13.00	12.29	9.07	11.52
STANDARD DEVIATION	2.72	2.70	2.14	3.14	0.00	2.98	2.25	3.22
NUMBER	28	25	9	62	1	16	4	21
PERCENT HS GRAD	35.71	68.00	0.00	43.55	100.00	50.00	0.00	42.86
FEMALE HEADED HOUSEHOLD								
PERCENT	10.00	0.00	0.00	4.69	0.00	6.25	0.00	4.76
NUMBER	30	25	9	64	1	16	4	21
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	46.88	100.00	0.00	0.00	4.76
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	39.06	0.00	100.00	0.00	76.19
PERCENT NO PRESCHOOL	0.00	0.00	100.00	14.06	0.00	0.00	100.00	19.05

Table F15-(6)-IIIEF (continued)

BACKGROUND VARIABLES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR MATHEMAGENIC MODEL IN LEE CO., VA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	15	138	22	175	30	30	18	78
FALL KINDERGARTEN WRAT								
MEAN	39.93	50.20	40.45	48.09	48.60	49.70	40.33	47.12
STANDARD DEVIATION	13.47	10.39	15.30	12.02	9.17	11.27	10.83	10.94
HIGHEST HOUSEHOLD OCCUPATION								
MEAN	13.57	14.81	13.25	14.51	13.96	15.23	14.38	14.56
STANDARD DEVIATION	2.70	2.43	.71	2.38	2.24	2.76	2.53	2.55
NUMBER	7	57	8	72	24	26	16	66
FAMILY INCOME IN DOLLARS								
MEAN	4988.89	5168.83	3887.50	5010.53	3926.88	4299.96	3311.76	3865.64
STANDARD DEVIATION	3766.44	2948.41	1730.76	2944.33	2098.37	2705.14	1840.14	2277.51
MEDIAN	3200.00	4279.50	4800.00	4200.00	3233.33	3750.00	2566.67	3216.67
NUMBER	9	58	8	75	26	24	17	67
FAMILY INCOME GE 4999								
PERCENT	22.22	13.79	0.00	13.33	3.85	4.17	0.00	2.99
CHILDS ETHNICITY								
PERCENT WHITE	100.00	98.55	100.00	98.86	100.00	100.00	100.00	100.00
PERCENT BLACK	0.00	1.45	0.00	1.14	0.00	0.00	0.00	0.00
CHILDS SEX								
PERCENT FEMALE	26.67	55.80	59.09	53.71	60.00	46.67	38.89	50.00
ENTRY AGE IN MONTHS								
MEAN	66.67	66.68	64.71	66.43	66.93	65.86	65.94	66.29
STANDARD DEVIATION	5.31	4.09	2.83	4.10	3.93	4.08	5.01	4.23
PRIMARY LANGUAGE								
PERCENT ENGLISH	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MOTHERS EDUCATION IN YEARS								
MEAN	10.22	10.67	9.59	10.48	8.13	10.43	7.96	9.02
STANDARD DEVIATION	3.72	3.76	3.30	3.71	4.02	3.28	3.77	3.85
NUMBER	9	60	8	77	25	25	17	67
PERCENT HS GRAD	22.22	48.33	37.50	44.16	28.00	44.00	17.65	31.34
FEMALE HEADED HOUSEHOLD								
PERCENT	11.11	9.68	12.50	10.13	3.85	15.38	5.56	8.57
NUMBER	9	62	8	79	26	26	18	70
PRESCHOOL EXPERIENCE								
PERCENT HEADSTART	100.00	0.00	0.00	8.57	100.00	0.00	0.00	38.46
PERCENT SOME PRESCHOOL	0.00	100.00	0.00	78.86	0.00	100.00	0.00	38.46
PERCENT NO PRESCHOOL	0.00	0.00	100.00	12.57	0.00	0.00	100.00	23.08

Table F16-(6)-IIIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR MATHEMAGENIC MODEL

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	98	185	50	333	43	73	53	169
WORD KNOWLEDGE								
MEAN	21.43	27.97	25.02	25.60	25.42	30.26	26.57	27.87
STANDARD DEVIATION	10.17	12.34	10.62	11.81	9.53	10.60	9.61	10.20
SPELLING								
MEAN	17.34	23.12	21.90	21.23	20.42	21.82	18.68	20.49
STANDARD DEVIATION	11.52	12.70	11.48	12.46	12.55	11.28	11.35	11.65
LANGUAGE								
MEAN	16.31	22.75	18.82	20.26	20.70	21.92	18.77	20.62
STANDARD DEVIATION	7.37	10.82	8.09	9.94	8.21	8.61	7.94	8.36
RAVENS								
MEAN	21.98	23.43	21.62	22.59	21.47	20.00	18.43	19.88
STANDARD DEVIATION	7.21	7.80	7.48	7.67	6.59	6.66	6.01	6.51
READING								
MEAN	18.15	20.99	19.30	19.90	18.45	20.79	18.55	19.54
STANDARD DEVIATION	4.55	4.77	4.90	4.89	4.78	4.34	4.89	4.73
MATH CONCEPTS								
MEAN	15.53	20.85	18.60	18.95	19.05	22.26	19.68	20.63
STANDARD DEVIATION	6.84	9.49	7.75	8.83	6.68	8.06	6.29	7.30
MATH COMPUTATIONS								
MEAN	17.47	21.58	18.56	19.92	19.83	19.99	17.83	19.24
STANDARD DEVIATION	7.89	8.70	7.98	8.60	7.27	7.57	7.67	7.54
MATH PROBLEM SOLVING								
MEAN	14.23	18.02	14.98	16.45	16.23	16.53	14.47	15.81
STANDARD DEVIATION	7.67	8.96	7.41	8.31	7.85	7.53	6.77	7.40
COOPERSMITH								
MEAN	35.44	37.45	35.40	36.55	36.69	37.19	36.38	36.76
STANDARD DEVIATION	7.07	7.33	6.74	7.22	6.92	6.01	6.49	6.65
IAPS(-)								
MEAN	10.49	10.34	10.42	10.40	11.53	11.59	11.43	11.53
STANDARD DEVIATION	2.76	2.00	2.84	2.89	2.46	2.42	2.84	2.49
IAPS(+)								
MEAN	13.20	13.43	13.46	13.37	13.91	13.30	13.28	13.45
STANDARD DEVIATION	2.12	2.19	2.65	2.24	1.73	2.53	2.05	2.20
TOTAL READING								
MEAN	36.96	48.82	43.62	44.55	44.47	52.52	44.25	48.50
STANDARD DEVIATION	16.19	21.17	17.53	19.93	14.89	18.00	15.06	16.65
TOTAL MATH								
MEAN	53.18	63.04	55.16	58.95	57.23	56.52	50.74	54.89
STANDARD DEVIATION	21.07	23.83	21.30	23.08	19.56	20.07	18.77	19.63
LANGUAGE PART A								
MEAN	7.62	9.34	8.66	8.73	8.65	10.18	8.47	9.25
STANDARD DEVIATION	3.30	3.67	3.29	3.58	3.60	3.21	3.29	3.42
LANGUAGE PART B								
MEAN	8.08	13.41	10.16	11.53	12.45	11.74	10.30	11.37
STANDARD DEVIATION	5.28	8.02	6.17	7.35	5.82	6.85	5.52	6.21

Table F17-(6)-IIIEF

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR MATHEMAGENIC MODEL IN GULFPORT, MS

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	53	22	19	94	12	27	31	70
WORD KNOWLEDGE								
MEAN	19.09	19.05	27.05	21.14	23.25	32.26	26.94	28.36
STANDARD DEVIATION	8.95	9.11	11.70	9.97	9.74	8.80	9.89	9.91
SPELLING								
MEAN	15.47	15.32	24.00	17.16	19.25	19.85	16.97	18.47
STANDARD DEVIATION	10.93	10.29	12.24	11.48	11.58	10.51	11.35	11.08
LANGUAGE								
MEAN	14.91	17.95	18.58	16.36	20.58	23.04	19.23	20.93
STANDARD DEVIATION	6.37	8.56	6.78	7.14	5.26	9.23	7.71	8.09
RAVENS								
MEAN	20.92	20.55	21.21	20.72	17.42	16.63	18.13	17.43
STANDARD DEVIATION	5.96	8.39	7.41	6.81	6.05	4.91	6.21	5.67
READING								
MEAN	17.25	20.05	19.53	18.36	18.92	21.48	19.81	20.30
STANDARD DEVIATION	4.41	4.57	4.87	4.67	4.60	4.77	4.62	4.71
MATH CONCEPTS								
MEAN	14.34	14.68	20.37	15.63	19.67	23.41	19.68	21.03
STANDARD DEVIATION	6.30	7.26	8.89	7.41	6.21	7.13	6.85	7.02
MATH COMPUTATIONS								
MEAN	15.92	16.23	19.11	16.64	16.67	19.67	17.32	18.11
STANDARD DEVIATION	6.66	8.50	7.13	7.25	6.62	7.69	8.36	7.82
MATH PROBLEM SOLVING								
MEAN	12.28	13.68	14.26	13.01	12.09	14.37	14.29	13.93
STANDARD DEVIATION	5.73	8.50	7.23	6.83	5.34	6.66	7.24	6.70
COOPERSMITH								
MEAN	36.49	34.41	36.11	35.93	32.92	36.81	37.61	36.5
STANDARD DEVIATION	6.62	6.67	6.84	6.66	5.55	6.86	6.75	6.73
IARS(-)								
MEAN	10.53	10.68	10.68	10.60	11.83	12.07	11.81	11.91
STANDARD DEVIATION	2.65	2.36	2.93	2.62	1.90	2.00	2.39	2.14
IARS(+)								
MEAN	13.02	13.18	13.42	13.14	13.75	13.11	13.71	13.49
STANDARD DEVIATION	2.23	1.86	3.13	2.34	1.82	2.99	1.24	2.16
TOTAL READING								
MEAN	34.23	33.73	47.37	36.77	42.92	55.67	46.42	49.39
STANDARD DEVIATION	14.43	15.18	19.47	16.45	14.88	15.10	15.86	16.04
TOTAL MATH								
MEAN	48.03	50.45	54.58	50.37	46.08	53.67	49.74	49.47
STANDARD DEVIATION	16.79	24.13	19.65	19.18	14.40	17.00	20.44	18.06
LANGUAGE PART A								
MEAN	7.39	7.68	8.53	7.64	9.75	10.93	8.97	9.86
STANDARD DEVIATION	3.17	3.05	3.24	3.16	2.53	2.70	3.26	3.03
LANGUAGE PART B								
MEAN	7.90	10.27	10.05	8.72	10.83	12.11	13.26	11.07
STANDARD DEVIATION	4.18	4.76	5.05	5.17	3.41	7.54	5.05	5.92

Table F17-(6)-IIIEF (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR MATHEMAGENIC MODEL IN PICKENS CO., GA.

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	30	25	9	64	1	16	4	21
WORD KNOWLEDGE								
MEAN	24.93	31.24	22.78	27.09	35.00	35.50	29.00	34.24
STANDARD DEVIATION	10.99	11.10	6.14	10.89	0.00	10.94	8.29	10.33
SPELLING								
MEAN	21.17	23.52	21.00	22.06	34.00	28.31	23.50	27.67
STANDARD DEVIATION	11.79	12.78	7.47	11.58	0.00	10.12	7.68	9.56
LANGUAGE								
MEAN	17.27	24.56	15.22	19.83	15.00	20.94	17.00	19.90
STANDARD DEVIATION	8.36	10.56	5.04	9.65	0.00	8.74	1.83	7.84
RAVENS								
MEAN	22.81	23.68	22.11	23.05	22.00	25.94	22.00	25.00
STANDARD DEVIATION	8.91	6.79	4.81	7.57	0.00	6.40	3.56	5.97
READING								
MEAN	18.63	22.04	18.56	19.95	21.00	20.44	17.50	19.90
STANDARD DEVIATION	4.18	3.27	2.79	3.99	0.00	4.49	4.43	4.41
MATH CONCEPTS								
MEAN	17.20	23.60	17.00	19.67	29.00	27.44	22.00	26.48
STANDARD DEVIATION	7.49	9.73	4.39	8.63	0.00	8.04	3.56	7.45
MATH COMPUTATIONS								
MEAN	19.07	23.48	15.78	20.33	20.00	22.31	18.00	21.38
STANDARD DEVIATION	8.96	8.44	5.19	8.67	0.00	6.70	2.94	6.17
MATH PROBLEM SOLVING								
MEAN	16.27	19.00	13.11	16.89	15.00	21.62	14.00	19.86
STANDARD DEVIATION	9.35	7.96	5.42	8.49	0.00	6.91	2.94	6.90
COOPERSMITH								
MEAN	34.23	37.76	34.78	35.69	30.00	37.81	36.50	37.19
STANDARD DEVIATION	6.92	7.31	4.99	6.96	0.00	5.76	2.65	5.38
TARS(-)								
MEAN	10.73	9.84	10.11	10.30	15.00	11.56	10.50	11.52
STANDARD DEVIATION	3.07	3.39	1.83	3.05	0.00	2.53	2.89	2.62
TARS(+)								
MEAN	13.73	13.64	13.33	13.64	17.00	13.56	13.50	13.71
STANDARD DEVIATION	1.79	1.75	1.58	1.70	0.00	1.82	1.29	1.82
TOTAL READING								
MEAN	42.13	54.84	39.78	46.77	64.00	62.94	51.00	60.71
STANDARD DEVIATION	17.51	20.26	9.26	18.74	0.00	18.35	11.63	17.21
TOTAL MATH								
MEAN	58.13	66.16	51.00	60.27	57.00	69.87	54.00	66.24
STANDARD DEVIATION	25.04	21.80	13.19	23.11	0.00	18.99	9.02	18.10
LANGUAGE PART A								
MEAN	8.10	10.48	8.78	9.13	10.00	10.25	9.50	10.10
STANDARD DEVIATION	3.76	3.25	2.68	3.57	0.00	3.28	1.29	2.90
LANGUAGE PART B								
MEAN	9.17	14.08	6.44	10.70	5.00	10.69	7.50	9.81
STANDARD DEVIATION	6.02	8.31	4.30	7.32	0.00	6.68	2.08	6.08

Table F17-(6)-IIIEF (continued)

MEANS AND STANDARD DEVIATIONS OF THE OUTCOME MEASURES
FOR FT AND NFT CHILDREN
IN COHORT III-EF PRESCHOOL SAMPLE
FOR MATHEMAGENIC MODEL IN LEE CO., VA

	FOLLOW THROUGH				NON-FOLLOW THROUGH			
	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL	HEAD START	SOME PRESCHOOL	NO PRESCHOOL	TOTAL
NUMBER OF CHILDREN	15	138	22	175	30	30	18	78
WORD KNOWLEDGE								
MEAN	19.87	28.81	24.18	27.46	25.97	25.67	25.39	25.72
STANDARD DEVIATION	11.52	12.44	11.10	12.45	9.49	10.35	9.74	9.76
SPELLING								
MEAN	16.27	24.29	20.45	23.12	20.43	20.13	20.56	20.35
STANDARD DEVIATION	12.01	12.79	12.30	12.83	13.05	11.58	11.91	12.09
LANGUAGE								
MEAN	19.33	23.18	20.50	22.51	20.93	21.43	18.39	20.54
STANDARD DEVIATION	7.80	11.04	9.76	10.69	9.27	8.13	9.28	8.82
RAVENS								
MEAN	21.87	23.85	21.77	[illegible].42	23.07	19.87	18.17	20.71
STANDARD DEVIATION	7.54	7.95	8.62	[illegible]	6.29	6.10	6.09	6.41
READING								
MEAN	20.40	20.95	19.41	20.71	18.67	20.37	16.61	18.77
STANDARD DEVIATION	5.08	5.01	5.88	5.12	4.97	3.90	4.98	4.76
MATH CONCEPTS								
MEAN	16.40	21.33	17.77	20.46	18.47	18.47	19.50	18.71
STANDARD DEVIATION	6.90	9.41	7.78	9.16	6.78	7.17	5.90	6.68
MATH COMPUTATIONS								
MEAN	19.73	22.09	19.27	21.53	20.67	19.03	18.67	19.58
STANDARD DEVIATION	8.92	8.65	9.53	8.80	7.43	7.88	7.34	7.54
MATH PROBLEM SOLVING								
MEAN	17.07	18.54	16.36	18.14	17.97	15.77	14.89	16.41
STANDARD DEVIATION	8.08	8.54	8.27	8.45	8.54	7.54	6.77	7.67
COOPERSMITH								
MEAN	34.13	37.88	35.05	37.20	38.13	37.20	34.22	36.87
STANDARD DEVIATION	8.00	7.37	7.47	7.57	6.36	7.66	6.29	6.94
IARS(-)								
MEAN	9.07	10.38	10.32	10.33	11.30	11.17	11.00	11.18
STANDARD DEVIATION	2.50	3.01	3.18	2.99	2.63	2.69	3.03	2.71
IARS(+)								
MEAN	12.80	13.43	13.55	13.39	13.87	13.33	12.50	13.35
STANDARD DEVIATION	2.31	2.31	2.65	2.35	1.66	2.45	2.98	2.35
TOTAL READING								
MEAN	36.27	50.14	41.95	47.92	44.43	44.13	44.89	44.42
STANDARD DEVIATION	17.02	21.21	18.38	20.98	14.93	16.86	14.80	15.68
TOTAL MATH								
MEAN	58.07	64.48	57.36	63.09	61.70	54.67	51.72	56.69
STANDARD DEVIATION	25.74	23.68	25.47	23.85	20.09	20.52	17.90	19.96
LANGUAGE PART A								
MEAN	7.80	9.40	8.73	9.18	8.17	9.47	7.39	8.49
STANDARD DEVIATION	2.81	3.76	3.68	3.69	3.95	3.53	3.47	3.73
LANGUAGE PART B								
MEAN	11.53	13.78	11.77	13.36	12.77	11.97	11.00	12.05
STANDARD DEVIATION	6.20	8.09	7.16	7.85	6.46	6.46	6.70	6.47

PART 5

SITE LEVEL AVERAGE EFFECTS TABLES

Table F18

AVERAGE EFFECTS BY MODEL AND SITE
BY COHORT STREAM BY OUTCOME DOMAIN
FOR VOLUME IV-A

MODEL/SITE	MODEL AVERAGE			KINDERGARTEN STREAM						ENTERING FIRST STREAM					
				Cohort III			Cohort II			Cohort III			Cohort II		
	Basic[a]	Cog[b]	Aff[c]	Basic	Cog	Aff	Basic	Cog	Aff	Basic	Cog	Aff	Basic	Cog	Aff
RESPONSIVE EDUCATION															
Buffalo, NY				-.38	0	-.50	0	-.75	0						
Duluth, MN				-.12	0	0	-1.00	-.75	-.17						
Fresno, CA				.12	.25	0	0	-.29	.33						
St. Louis, MO				.88	.88	.17									
Salt Lake City, UT				-.25	0	-.50	-.25	--	--						
Tacoma, WA				-1.00	0	-.17	--	--	--						
Berkeley, CA							0	.12	.83						
Lebanon, NH							0	-.12	0						
Goldsboro, NC										.50	.75	0			
Sumter, SC										-.75	-.75	-.67			
Owensboro, KY										--	--	-.17			
AVERAGES	-.10	0	-.05	-.05	.22	-.17	-.22	-.32	.20	.08	.25	-.20			
TEEM															
Chicasha, OK				--	--	0									
Des Moines, IA				.25	0	0									
Lakewood, NJ				-.17	-.12	-.12	--	--	--						
Newark, NJ				-.62	0	-.33									
Lincoln, NB				-.62	-.75	0	-.38	-.43	-.20						
Wichita, KS				--	--	-.67	--	-.25	.33						
Baltimore, MD							-.57	-.38	-.67						
Vermilion Par., LA										-.12	0	-.17			
Durham Co., NC										.12	.25	.33			
Ft. Worth, TX										-.25	0	-.50			
Walker Co., GA										0	-.25	-.33			
Pike Co., KY										.12	.12	-.17			
AVERAGES	-.22	-.14	-.20	-.36	-.21	-.19	-.39	-.37	-.29	-.02	.03	-.17			
BANK STREET															
New York, NY				-.62	-.50	-.33	.29	.50	.17						
Philadelphia, PA				-.50	-.50	-.17	-.14	-.38	0						
Brattleboro, VT				-.50	-.38	-.33	-.50	--	-.67						
Fall River, MA				-.12	-.12	.17	-.43	0	-.20						
New Haven, CT				-.12	0	-.17									
Rochester, NY							--	--	--						
Wilmington, DE							--	--	--						
Macon Co., AL													1.00	1.00	0
AVERAGES	-.22	-.10	-.13	-.38	-.31	-.17	-.16	.04	-.10				1.00	1.00	0
DIRECT INSTRUCTION															
New York, NY				.50	.50	-.17	--	0	0						
Grand Rapids, MI				-.12	0	0	--	-.75	.33						
W. Iron Co., MI				-.29	-.60	.17									
Flint, MI				.62	.25	-.33	.50	.67	0						
Providence, RI				--	--	.33									
E. St. Louis, IL							--	--	.33				.75	.50	.33
Racine, WI							-.50	-.25	.17						
Dayton, OH										.25	.50	.33			
Tupelo, MS										--	--	-.20	--	--	.20
Williamsburg Co., SC										1.00	.75	.83	1.00	.60	1.00
AVERAGES	.30	.17	.21	.24	.10	0	.09	0	.15	.47	.47	.35	.70	.27	.57

a = Basic Skills
b = Cognitive Conceptual Skills
c = Affective Outcomes

Note. - 0 : Zero average effect
--: No average effect computed: less than 50% trustworthy effects

Table F18 (continued)

MODEL/SITE	MODEL AVERAGE			KINDERGARTEN STREAM						ENTERING FIRST STREAM					
				Cohort III			Cohort II			Cohort III			Cohort II		
	Basic[a]	Cog[b]	Aff[c]	Basic	Cog	Aff	Basic	Cog	Aff	Basic	Cog	Aff	Basic	Cog	Aff
BEHAVIOR ANALYSIS															
New York, NY				-.75	-1.00	-.67	-.75	-.25	0						
Philadelphia, PA				.25	-.25	0	.12	-.14	.50						
Portageville, MO				--	-.29	-.17	-.33	-.50	-.17						
Trenton, NJ				.20	.33	.75									
Kansas City, MO				.12	-.25	0	-.33	-.38	0						
Louisville, KY				.25	.25	.33	0	0	.40						
Waukegan, IL				.50	-.14	.17									
Meridian, IL							.50	0	.67						
AVERAGES	.01	-.22	.10	.10	-.21	.02	-.12	-.24	.21						
COGNITIVE CURRICULUM															
New York, NY				-.38	-.38	0	-1.00	-1.00	0						
Okaloosa Co., FL				--	--	-.20	--	--	--						
Greeley, CO.				.12	.12	0									
Seattle, WA				-.29	0	-.33									
Chicago, IL				-.62	-.50	0	--	--	--						
Leflore Co., MS													.29	.17	.17
AVERAGES	-.25	-.24	-.05	-.27	-.22	-.10	-1.00	-1.00	0				.29	.17	.17
PARENT EDUCATION															
Philadelphia, PA				-.50	-.38	-.17	-.29	-.38	0						
Richmond, VA				.38	.25	.33	0	0	.17						
Yakima, WA				.12	-.12	0									
Houston, TX				.75	.25	.20	.50	.25	.20						
Lawrenceburg, IN				-.50	-.57	.50									
Jacksonville, FL							--	--	--						
Jonesboro, AR													.20	.33	0
Chattanooga, TN													0	0	-.17
Hillsborough, FL													0	.12	0
AVERAGES	.03	-.04	.09	-.03	-.14	.17	.09	-.04	.12				.05	.14	-.06
EDC															
Philadelphia, PA				-.25	0	0	-.50	-.29	-.20						
Burlington, VT				-.12	0	0									
Lackawanna Co., PA				-.33	0	.17									
Morgan Comm. Sch., DC				0	0	.67									
Paterson, NJ				0	0	0	-.62	-1.00	-.67						
Chicago, IL							--	--	--						
Laurel, DE													-.25	-.25	-.33
Jonnston Co., NC													-1.00	--	-1.00
AVERAGES	-.27	-.20	-.16	-.13	0	.19	-.58	-.67	-.45				-.42	-.25	-.67
SELF-SPONSORED															
Detroit, MI							--	--	--						
New York, NY							--	--	0						
Philadelphia, PA							0	-.12	0						
Portland, OR							--	--	--						
San Diego, CA							--	--	--						
AVERAGES	0	-.12	0				0	-.12	0						

a = Basic Skills
b = Cognitive Conceptual Skills
c = Affective Outcomes

Note. - 0 : Zero average effect
--: No average effect computed: less than 50% trustworthy effects

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Table F18 (continued)

MODEL/SITE	MODEL AVERAGE			KINDERGARTEN STREAM						ENTERING FIRST STREAM					
				Cohort III			Cohort II			Cohort III			Cohort II		
	Basic[a]	Cog[b]	Aff[c]	Basic	Cog	Aff	Basic	Cog	Aff	Basic	Cog	Aff	Basic	Cog	Aff
IELP															
Lock Haven, PA				-.62	-.71	-.17									
Montevideo, MN				-.38	.25	.33									
Akron, OH				-.50	0	-.17									
AVERAGES	-.50	-.13	0	-.50	-.13	0									
INTERDEPENDENT LEARNING															
New York, NY				-.50	-.25	-.50	-.25	0	0						
Atlanta, GA				.12	0	-.17									
AVERAGES	-.21	-.09	-.24	-.19	-.12	-.33	-.25	0	0						
SEDL															
Philadelphia, PA				-.50	0	0	-.29	0	.25						
Los Angeles, CA				.14	0	.17									
Tulare, CA				1.00	.62	.17	-.17	-.14	.17						
St. Martin Parish, LA				-.12	0	-.17	--	.25	.33						
San Diego, TX				-.12	-.12	0									
AVERAGES	-.02	.07	.10	.08	.10	.03	-.27	0	.23						
CLA															
Chicago, IL				.38	0	0									
Topeka, KS				-.38	-.38	-.33									
AVERAGES	0	-.19	-.17	0	-.19	-.17									
HOME-SCHOOL PARTNERSHIP															
New York, NY				-.12	-.12	0	-.88	-.83	0						
AVERAGES	-.50	-.43	0	-.12	-.12	0	-.88	-.83	0						
CALIFORNIA PROCESS															
Los Angeles, CA				.71	.25	0	.14	.38	.17						
Ravenswood, CA				-.50	-.25	.17	.20	0	.33						
Oakland, CA				-.50	-1.00	-1.00									
San Jose, CA				--	-.60	0	--	-.75	0						
Lamont, CA							--	--	0						
AVERAGES	-.08	-.16	.03	-.09	-.28	-.10	-.06	0	.17						
NSA															
Great Falls, MT				0	-.17	0									
Clear Lake, WA				-1.00	-.71	-.50									
AVERAGES	-.50	-.46	-.25	-.50	-.46	-.25									
MATHEMAGENIC ACTIVITIES															
Gulfport, MS										0	-.25	-.33			
Pickens Co., GA										-.29	.33	-.17			
Lee Co., VA										.25	.62	-.17			
AVERAGES	0	.23	-.22							0	.23	-.22			

a = Basic Skills
b = Cognitive Conceptual Skills
c = Affective Outcomes

Note. - 0 : Zero average effect
--: No average effect computed: less than 50% trustworthy effects

Table F19

AVERAGE EFFECTS BY MODEL AND SITE BY COHORT STREAM BY OUTCOME DOMAIN FOR THE SUPPLEMENTARY ANALYSES

MODEL/SITE	MODEL AVERAGE			KINDERGARTEN STREAM						ENTERING FIRST STREAM					
				Cohort III			Cohort II			Cohort III			Cohort II		
	Basic[a]	Cog[b]	Aff[c]	Basic	Cog	Aff	Basic	Cog	Aff	Basic	Cog	Aff	Basic	Cog	Aff
RESPONSIVE EDUCATION															
Buffalo, NY				-.38	0	-.50	-.50	-.75	-.17						
Duluth, MN				-.12	0	0	-1.00	-.75	-.33						
Fresno, CA				.12	.25	0	.12	-.25	-.17						
St. Louis, MO				.88	.88	.17									
Salt Lake City, UT				-.25	0	-.50	--	-.25	-.20						
Tacoma, WA				-1.00	0	-.17	--	--	-.20						
Berkeley, CA							0	0	.33						
Lebanon, NH							.12	0	.17						
Goldsboro, NC										.25	.50	-.17			
Sumter, SC										-.88	-.75	-.50			
Owensboro, KY										--	--	0			
AVERAGES	-.16	-.08	-.14	-.05	.22	-.17	-.23	-.33	-.08	-.31	-.12	-.27			
TEEM															
Chicasha, OK				--	--	0									
Des Moines, IA				.25	0	0									
Lakewood, NJ				-.17	-.12	-.17	-.25	.12	-.80						
Newark, NJ				-.62	0	-.33									
Lincoln, NB				-.62	-.75	0	-.75	-.86	-.33						
Wichita, KS				--	--	-.67	0	.33	-.17						
Baltimore, MD							-.50	-.62	-.83						
Vermilion Par., LA										-.38	-.50	-.50			
Durham Co., NC										.25	.25	.17			
Ft. Worth, TX										-.25	0	-.83			
Walker Co., GA										0	-.25	-.33			
Pike Co., KY										.25	.12	-.17			
AVERAGES	-.24	-.17	-.33	-.36	-.21	-.19	-.40	-.28	-.52	-.02	-.05	-.33			
BANK STREET															
New York, NY				-.62	-.50	-.33	0	0	0						
Philadelphia, PA				-.50	-.50	-.17	-.12	-.25	0						
Brattleboro, VT				-.50	-.38	-.33	-.50	0	-.17						
Fall River, MA				-.12	-.12	.17	-.38	-.12	0						
New Haven, CT				-.12	0	-.17									
Rochester, NY							-.12	0	0						
Wilmington, DE							-.50	.12	0						
Macon Co., AL													.43	.29	-.17
AVERAGES	-.26	-.13	-.10	-.38	-.31	-.17	-.27	-.04	-.03				.43	.29	-.17
DIRECT INSTRUCTION															
New York, NY				.50	.50	-.17	.12	-.25	0						
Grand Rapids, MI				-.12	0	0	-.25	0	-.17						
W. Iron Co., MI				-.29	-.60	.17									
Flint, MI				.62	.25	-.33	.38	.62	-.17						
Providence, RI				--	--	.33									
E. St. Louis, IL							.57	.14	0				.67	.43	.40
Racine, WI							-.62	-.62	-.17						
Dayton, OH										.25	.62	.33			
Tupelo, MS										-.25	--	0	--	--	-.20
Williamsburg Co., SC										1.00	.88	1.00	.75	.50	.50
AVERAGES	.26	.18	.10	.24	.10	0	.03	-.03	-.10	.45	.58	.53	.67	.38	.25

a = Basic Skills
b = Cognitive Conceptual Skills
c = Affective Outcomes

Note. - 0 : Zero average effect
--: No average effect computed: less than 50% trustworthy effects

Table F19 (continued)

MODEL/SITE	MODEL AVERAGE			KINDERGARTEN STREAM						ENTERING FIRST STREAM					
				Cohort III			Cohort II			Cohort III			Cohort II		
	Basic[a]	Cog[b]	Aff[c]	Basic	Cog	Aff	Basic	Cog	Aff	Basic	Cog	Aff	Basic	Cog	Aff
BEHAVIOR ANALYSIS															
New York, NY				-.75	-1.00	-.67	-.88	-.75	.17						
Philadelphia, PA				.25	-.25	0	-.25	-.38	0						
Portageville, MO				--	-.29	-.17	-.62	-.62	-.50						
Trenton, NJ				.20	.33	.75									
Kansas City, MO				.12	-.25	0	-.38	-.62	-.17						
Louisville, KY				.25	.25	.33	.12	-.12	.17						
Waukegan, IL				.50	-.14	.17									
AVERAGES	-.12	-.34	-.01	.10	-.21	.02	-.40	-.50	-.07						
COGNITIVE CURRICULUM															
New York, NY				-.38	-.38	0	-1.00	-1.00	0						
Okaloosa Co., FL				--	--	-.20	--	--	-.50						
Greeley, CO				.12	.12	0									
Seattle, WA				-.29	0	-.33									
Chicago, IL				-.62	-.50	0	-.12	.20	.17						
Leflore Co., MS													.38	.12	0
AVERAGES	-.26	-.25	-.09	-.27	-.22	-.10	-.56	-.54	-.11				.38	.12	0
PARENT EDUCATION															
Philadelphia, PA				-.50	-.38	-.17	-.88	-.75	0						
Richmond, VA				.38	.25	.33	.12	.38	.17						
Yakima, WA				.12	-.12	0									
Houston, TX				.75	.25	.20	.88	.50	-.17						
Lawrenceburg, IN				-.50	-.57	.50									
Jacksonville, FL							0	0	0						
Jonesboro, AR													--	.25	.33
Chattanooga, TN													0	0	-.33
Hillsborough, FL													0	.12	0
AVERAGES		.01	-.02	.07	-.03	-.14	.17	.03	.03	0			.05	.10	0
EDC															
Philadelphia, PA				-.25	0	0	-.62	-.75	-.67						
Burlington, VT				-.12	0	0									
Lackawanna Co., PA				-.33	0	.17									
Morgan Comm. Sch., DC				0	0	.67									
Paterson, NJ				0	0	0	-.62	-.62	-.50						
Chicago, IL							-.38	-.38	-.17						
Laurel, DE													-.12	-.25	-.33
Johnston Co., NC													--	--	-.25
AVERAGES	-.28	-.25	-.10	-.13	0	.19	-.62	-.69	-.58				-.27	-.45	-.30
SELF-SPONSORED															
Detroit, MI							-.38	-.50	0						
New York, NY							0	0	0						
Philadelphia, PA							0	0	0						
Portland, OR							.50	.38	.33						
San Diego, CA							-.75	-.50	-.50						
AVERAGES	-.12	-.14	-.03				-.12	-.14	-.03						

a = Basic Skills
b = Cognitive Conceptual Skills
c = Affective Outcomes

Note. - 0 : Zero average effect
--: No average effect computed: less than 50% trustworthy effects

Table F19 (continued)

MODEL/SITE	MODEL AVERAGE			KINDERGARTEN STREAM						ENTERING FIRST STREAM					
				Cohort III			Cohort II			Cohort III			Cohort II		
	Basic[a]	Cog[b]	Aff[c]	Basic	Cog	Aff	Basic	Cog	Aff	Basic	Cog	Aff	Basic	Cog	Aff
IELP															
Lock Haven, PA				-.62	-.71	-.17									
Montevideo, MN				-.38	.25	.33									
Akron, OH				-.50	0	-.17									
AVERAGES	-.50	-.13	0	-.50	-.13	0									
INTERDEPENDENT LEARNING															
New York, NY				-.50	-.25	-.50	-.62	-.75	-.33						
Atlanta, GA				.12	0	-.17									
AVERAGES	-.33	-.33	-.33	-.19	-.12	-.33	-.62	-.75	-.33						
SEDL															
Philadelphia, PA				-.50	0	0	-.50	-.25	-.17						
Los Angeles, CA				.14	0	.17									
Tulare, CA				1.00	.62	.17	-.62	-.50	-.33						
St. Martin Parish, LA				-.12	0	-.17	-.38	-.43	.17						
San Diego, TX				-.12	-.12	0									
AVERAGES	-.14	-.08	-.02	.08	.10	.03	-.50	-.39	-.11						
CLA															
Chicago, IL				.38	0	0									
Topeka, KS				-.38	-.38	-.33									
AVERAGES	0	-.19	-.17	0	-.19	-.17									
HOME-SCHOOL PARTNERSHIP															
New York, NY				-.12	-.12	0	-1.00	-.75	-.17						
AVERAGES	-.56	-.44	-.08	-.12	-.12	0	-1.00	-.75	-.17						
CALIFORNIA PROCESS															
Los Angeles, CA				.71	.25	0	0	.25	0						
Ravenswood, CA				-.50	-.25	.17	.25	.12	.17						
Oakland, CA				-.50	-1.00	-1.00									
San Jose, CA				--	-.60	0	-.60	--	-.17						
Lamont, CA							-.20	-.17	-.40						
AVERAGES	-.08	-.14	-.09	-.09	-.28	-.10	-.08	0	-.09						
NSA															
Great Falls, MT				0	-.17	0									
Clear Lake, WA				-1.00	-.71	-.50									
AVERAGES	-.50	-.46	-.25	-.50	-.46	-.25									
MATHEMAGENIC ACTIVITIES															
Gulfport, MS										.12	-.12	-.17			
Pickens, Co., GA										-.29	-.14	-.40			
Lee Co., VA										.50	.50	-.17			
AVERAGES	.13	.09	-.24							.13	.09	-.24			

a = Basic Skills
b = Cognitive Conceptual Skills
c = Affective Outcomes

Note. - 0 : Zero average effect
--: No average effect computed: less than 50% trustworthy effects

PART 6

TABLES REPRODUCED FROM VOLUME IV-A

Table F20-(2)-IIIK

TREATMENT REGRESSION COEFFICIENTS AND STANDARD ERRORS BY OUTCOME FOR THE PRESCHOOL ADJUSTED STUDIES OF COHORT III-K SITES IN THE RESPONSIVE EDUCATION MODEL

		Buffalo, NY		Duluth, MN		Fresno, CA		St. Louis, MO		Salt Lake City, UT		Tacoma, WA	
		Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local
Word Knowledge	b	-1.72	-.83	-2.59	-1.06	.70	.37	6.58**	5.76*	-4.60	-4.05	-4.04**	-5.87**
	Standard Error	1.34	2.24	1.32	1.77	1.14	2.19	1.51	2.48	2.35	2.70	1.35	2.28
Spelling	b	-3.30*	-2.80	-4.86**	-2.44	-2.32	-3.29	7.23**	6.46*	-1.73	-2.69	-4.44*	-9.82**
	Standard Error	1.64	2.66	1.24	2.10	1.31	2.60	2.06	2.94	2.30	3.21	1.65	2.71
Language	b	-1.59*	-1.52	-1.28	-.19	1.40	-.08	2.66*	1.85	-4.80**	-5.34*	-2.61*	-4.04*
	Standard Error	.67	1.78	1.09	1.41	.96	1.75	1.20	1.98	1.35	2.16	1.03	1.82
Math Computations	b	-5.39**	-5.35**	.75	2.23	2.00**	1.16	5.18**	5.09**	.85	-.45	1.40	-3.93*
	Standard Error	.81	1.56	.86	1.23	.68	1.52	1.40	1.73	1.31	1.88	1.25	1.59
Raven's	b	-.01	.01	1.42**	2.05**	.02	.31	1.73*	2.01	-.75	-1.48	-.68	-.42
	Standard Error	.58	.99	.41	.79	.71	.97	.78	1.10	.58	1.20	.65	1.01
Reading	b	-.92	-.68	-1.18	.77	.07	-.93	4.91**	5.19**	2.57	.06	.01	-2.34
	Standard Error	.70	1.65	1.17	1.31	.81	1.61	1.14	1.83	1.79	1.99	1.14	1.68
Math Concepts	b	-.37	.02	-2.50**	-.74	2.31*	2.03	4.92**	4.38*	-1.19	-2.67	.29	-1.77
	Standard Error	.89	1.62	.87	1.29	.94	1.59	1.04	1.80	1.66	1.96	1.06	1.66
Math Problem Solving	b	-1.30	-.94	-2.75**	-1.47	1.98**	1.86	4.27**	4.63**	2.83	-1.22	.55	-1.82
	Standard Error	.72	1.49	.89	1.18	.68	1.46	1.07	1.65	1.55	1.80	.90	1.52
Coopersmith	b	-1.75	-.94	1.39	.74	-.14	-.48	1.12	.94	-3.33	-4.84*	.62	-1.46
	Standard Error	1.08	1.92	1.23	1.52	1.33	1.88	1.19	2.13	1.76	2.32	1.18	1.96
IARS(-)	b	-2.09**	-1.85**	-.78*	-.48	.25	.96	.71	.06	-.33	.20	-.07	-.11
	Standard Error	.34	.68	.38	.54	.33	.66	.42	.75	.51	.82	.35	.69
IARS(+)	b	-1.45**	-1.07	.89**	.55	.37	.38	1.04*	1.06	-1.94**	-1.93**	-1.14**	-.21
	Standard Error	.34	.56	.24	.44	.40	.55	.39	.62	.57	.68	.36	.57
Total Reading	b	-2.64	-1.50	-3.77	-.29	.77	-.56	11.49**	10.95**	-2.04	-3.99	-4.03	-8.21*
	Standard Error	1.92	3.60	2.40	2.85	1.78	3.53	2.43	3.99	3.89	4.35	2.37	3.67
Total Math	b	-7.06**	-6.26	-4.50	.03	6.29**	5.05	14.37**	14.09**	2.49	-4.34	2.25	-7.52
	Standard Error	2.08	4.09	2.32	3.24	1.93	4.00	3.11	4.53	4.17	4.94	2.82	4.17
Language Part A	b	-.84*	- .77	-.67	-.24	.15	-.09	2.20**	1.61	-2.89**	-2.43**	.05	-1.14
	Standard Error	.41	.76	.37	.60	.45	.74	.60	.84	.69	.92	.49	.77
Language Part B	b	-.75	-.75	-.62	.05	1.25	.01	.46	.24	-1.91*	-2.91	-2.66**	-2.90*
	Standard Error	.53	1.43	.92	1.13	.73	1.40	.83	1.58	.87	1.73	.76	1.46

* p<.05

** p<.01

Table F20-(3)-IIIK

TREATMENT REGRESSION COEFFICIENTS AND STANDARD ERRORS BY OUTCOME FOR THE PRESCHOOL ADJUSTED STUDIES OF COHORT III-K SITES IN THE TEEM MODEL

	Chicasha, OK		Des Moines, IA		Lakewood, NJ		Newark, NJ		Lincoln, NB		Wichita, KS	
	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local
Word Knowledge b	-5.83**	-5.31*	.08	.32	-.66	-.57	-14.97**	-14.89**	-7.12**	-5.97**	-2.68*	-4.49*
Standard Error	1.82	2.24	2.19	2.75	.81	2.31	1.20	2.42	.88	1.46	1.20	2.26
Spelling b	-5.36*	-6.24*	-.59	1.46	-.16	-2.54	-10.58**	-11.67**	-5.17**	-4.25**	-2.00	-3.03
Standard Error	2.05	2.52	2.60	3.09	1.05	2.59	1.33	2.71	.96	1.63	1.65	2.53
Language b	-2.20	-2.22	1.60	.82	.60	-2.76	-3.41**	-3.00	.05	.01	-4.17**	-5.64**
Standard Error	1.17	1.95	1.42	2.39	.56	2.01	1.17	2.10	.71	1.27	.88	1.96
Math Computations b	1.99	.65	5.00**	5.20*	-1.87*	-1.03	-.59	-.86	-1.85**	-1.84	-4.05**	-2.52
Standard Error	1.36	1.66	1.43	2.04	.69	1.71	1.03	1.79	.57	1.08	.78	1.67
Raven's b	-1.17	-.62	-.34	.25	-.39	-.00	-1.14	-.03	-.93*	-1.18	-.90	-.49
Standard Error	.60	1.01	1.00	1.24	.50	1.04	1.66	1.09	.37	.66	.60	1.02
Reading b	-4.19**	-4.17*	2.92	1.85	-.67	.34	-3.72**	-3.40	-4.11**	-4.11**	-4.05**	-4.00*
Standard Error	1.33	1.77	1.56	2.18	.56	1.83	.89	1.91	.67	1.15	.92	1.78
Math Concepts b	-2.64**	-2.01	-.22	.82	-1.05	-1.31	-1.24	-.55	-2.04**	-2.19*	-1.45	-1.55
Standard Error	.86	1.51	1.30	1.85	.59	1.56	.85	1.63	.59	.98	.79	1.52
Math Problem Solving b	-2.06*	-2.08	1.88	2.22	-2.64**	-1.14	1.98*	1.20	-2.29**	-2.21*	-1.74	-1.15
Standard Error	.93	1.49	1.33	1.82	.59	1.53	.93	1.60	.55	.96	.88	1.49
Coopersmith b	-.33	1.28	-1.94	-3.10	-.16	1.04	-.89	-.72	-.65	-.91	-3.90**	-4.07*
Standard Error	1.17	1.89	1.70	2.32	.93	1.95	.87	2.04	.69	1.23	.95	1.90
IARS(-) b	.31	-.03	-.43	-.54	-1.06**	-.36	-1.21**	-.96	-.15	-.02	-1.54**	.43
Standard Error	.52	.72	.63	.88	.32	.74	.36	.78	.29	.47	.42	.72
IARS(+) b	.10	.14	.07	-.56	-.39	-.14	-1.62**	-1.22	.29	.17	-1.34**	-.73
Standard Error	.41	.61	.43	.74	.27	.62	.33	.65	.24	.39	.38	.61
Total Reading b	-10.02**	-9.48*	3.01	2.17	-1.33	-.23	-18.69**	-18.29**	-11.21**	-10.08**	-6.73**	-8.49*
Standard Error	3.01	3.74	3.55	4.59	1.19	3.85	1.91	4.02	1.42	2.42	1.90	3.76
Total Math b	-2.71	-3.44	6.65	8.24	-5.56**	-3.48	.15	-.22	-6.17**	-6.23*	-7.24**	-5.22
Standard Error	2.76	4.10	3.78	5.03	1.51	4.22	2.54	4.41	1.51	2.66	2.18	4.12
Language Part A b	-.78	-.46	1.03	.88	.65*	-.54	-1.03*	-.93	-.31	-.25	-1.05*	-1.24
Standard Error	.42	.74	.58	.91	.30	.76	.51	.80	.29	.48	.39	.74
Language Part B b	-1.43	-1.77	.57	-.06	-.06	-2.22	-2.38*	-2.07	.36	.26	-3.12**	-4.40**
Standard Error	1.00	1.58	1.08	1.94	.45	1.63	.90	1.70	.57	1.02	.68	1.59

* $p < .05$

** $p < .01$

Table F20-(5)-IIIK

TREATMENT REGRESSION COEFFICIENTS AND STANDARD ERRORS BY OUTCOME FOR THE PRESCHOOL ADJUSTED STUDIES OF COHORT III-K SITES IN THE BANK STREET MODEL

	New York, NY		Philadelphia, PA		Brattleboro, VT		Fall River, MA		New Haven, CT	
	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local
Word Knowledge										
b	-1.57	-1.51	-3.48**	-3.83*	-1.17	-2.07	-6.87**	-5.64	-.29	.20
Standard Error	.88	2.06	.78	1.62	2.34	4.41	1.28	3.01	2.10	4.87
Spelling										
b	-3.33*	-4.41	-5.99**	-6.13**	-6.25**	-6.48	-7.37**	-5.90	-.92	-2.86
Standard Error	1.23	2.59	.86	2.03	2.14	5.54	1.52	3.78	2.71	6.11
Language										
b	-3.31**	-3.88*	-.73	-.81	-5.97**	-6.62	4.17**	3.11	1.69	2.05
Standard Error	.73	1.69	.63	1.33	1.77	3.62	1.23	2.47	1.67	4.00
Math Computations										
b	-2.12*	-3.14*	-.43	-.50	-8.48**	-8.65**	-.78	-.43	-6.24**	-5.23
Standard Error	.81	1.53	.53	1.20	1.35	3.28	.83	2.24	1.77	3.62
Raven's										
b	-2.12**	-2.21*	-2.09**	-2.16**	1.17	-.08	.04	-.30	-.34	.87
Standard Error	.42	.98	.42	.77	1.01	2.09	.59	1.42	.80	2.30
Reading										
b	-.70	-.39	-1.21*	-1.38	-3.31	-4.19	-2.86**	-2.09	1.14	2.18
Standard Error	.72	1.45	.48	1.14	1.99	3.11	.91	2.12	1.57	3.43
Math Concepts										
b	-2.17**	-2.54	-2.03**	-1.97	-6.02**	-6.51*	-.76	-.21	-1.36	-1.43
Standard Error	.63	1.48	.54	1.16	1.72	3.17	.80	2.16	1.29	3.50
Math Problem Solving										
b	-1.51*	-1.73	-2.16**	-1.97	-5.09**	-5.25	.34	.49	1.62	1.00
Standard Error	.64	1.32	.44	1.03	1.69	2.82	.84	1.92	1.07	3.11
Coopersmith										
b	-2.89**	-3.55*	-1.98**	-2.09	-1.51	-2.32	-.83	.08	1.01	-1.17
Standard Error	.77	1.74	.72	1.36	1.18	3.72	.98	2.53	1.69	4.10
IARS(-)										
b	-.51	-.72	-.30	-.35	-3.00**	-3.43*	.89*	.13	-2.41**	-2.13
Standard Error	.27	.64	.27	.50	.77	1.37	.42	.94	.64	1.51
IARS(+)										
b	-.45	-.52	-.52*	-.58	-.70	-.65	-.31	.10	.60	.51
Standard Error	.24	.55	.25	.43	.70	1.18	.33	.80	.48	1.30
Total Reading										
b	-2.26	-1.89	-4.69**	-5.21*	-4.48	-6.26	-9.73**	-7.73	.85	2.38
Standard Error	1.49	3.26	1.17	2.56	4.05	6.98	2.07	4.76	3.52	7.69
Total Math										
b	-5.80**	-7.41	-4.62**	-4.44	-19.59**	-20.42**	-1.21	-.16	-5.99	-5.66
Standard Error	1.82	3.85	1.22	3.02	4.30	8.24	2.19	5.62	3.81	9.09
Language Part A										
b	-.04	-.26	-.22	-.29	-.03	.05	.08	.19	.04	.00
Standard Error	.33	.74	.31	.58	.81	1.58	.46	1.08	.48	1.74
Language Part B										
b	-3.28**	-3.62**	-.51	-.52	-5.94**	-6.67*	4.09**	2.92	1.64	2.04
Standard Error	.55	1.28	.46	1.00	1.51	2.74	.91	1.87	1.37	3.02

* p<.05

** p<.01

Table F20-(7)-IIIK

TREATMENT REGRESSION COEFFICIENTS AND STANDARD ERRORS BY OUTCOME FOR THE PRESCHOOL ADJUSTED STUDIES OF COHORT III-K SITES IN THE DIRECT INSTRUCTION MODEL

	New York, NY		Grand Rapids, MI		W. Iron Co., MI		Flint, MI		Providence, RI	
	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local
Word Knowledge										
b	-.53	-.91	-.57	-.70	-6.86**	-3.83	1.23	.99	4.46**	1.53
Standard Error	1.51	20.40	.71	2.06	2.30	3.29	1.02	2.70	.75	2.50
Spelling										
b	1.79	.28	1.66	1.71	-5.17*	-2.57	3.14*	1.85	9.37**	2.07
Standard Error	2.02	2.96	.91	2.57	2.06	4.11	1.51	3.37	.95	3.12
Language										
b	11.78**	10.83**	-2.74**	-1.75	-1.98	-1.18	9.10**	8.20**	11.54**	8.21**
Standard Error	1.60	2.05	.49	1.79	1.36	2.85	1.38	2.33	.76	2.17
Math Computations										
b	11.03**	9.25**	-1.40**	.46	.60	1.54	7.96**	6.07**	14.63**	10.86**
Standard Error	1.15	1.79	.47	1.56	1.38	2.49	1.04	2.04	.65	1.89
Raven's										
b	-1.07	-1.06	-.20	.80	.55	-.57	-2.66**	-4.07**	.75	.48
Standard Error	.90	1.12	.34	.97	.73	1.55	.73	1.27	.41	1.18
Reading										
b	.07	-.28	2.51**	1.97	-4.78**	-3.21	2.57**	3.18	2.94**	3.63
Standard Error	1.14	1.85	.52	1.60	1.62	2.56	.74	2.10	.63	1.95
Math Concepts										
b	5.47**	3.88*	-3.26**	-1.68	-5.00**	-4.42	3.07*	2.65	6.25**	5.35**
Standard Error	1.26	1.77	.50	1.54	1.48	2.45	1.14	2.01	.67	1.86
Math Problem Solving										
b	5.28**	3.54*	-1.23**	-.08	-4.76**	-4.04	4.59**	4.46*	5.89**	5.89**
Standard Error	1.06	1.64	.42	1.43	1.59	2.28	1.04	1.87	.70	1.73
Coopersmith										
b	-3.86**	-3.64	-2.91**	-1.53	-2.73	-1.30	-4.31**	-4.83*	1.77*	1.56
Standard Error	1.00	2.00	.58	1.73	1.67	2.77	1.54	2.27	.70	2.11
IARS(-)										
b	.77	.85	1.27**	.56	-.59	-.69	.39	.05	1.94**	.68
Standard Error	.57	.73	.23	.63	.49	1.01	.37	.83	.30	.77
IARS(+)										
b	-.99	-1.15	-.08	-.45	1.05**	.55	-.26	-.74	1.34**	.54
Standard Error	.61	.65	.20	.57	.33	.91	.44	.74	.24	.69
Total Reading										
b	-.46	-1.19	1.94	1.27	-11.64**	-7.04	3.81*	4.16	7.40**	5.16
Standard Error	2.47	3.90	1.15	3.39	3.83	5.41	1.55	4.43	1.26	4.11
Total Math										
b	21.79**	16.67**	-5.90**	-1.30	-9.16*	-6.92	15.63**	13.18*	26.77**	22.10**
Standard Error	3.11	4.54	1.21	3.95	3.85	6.30	2.94	5.16	1.81	4.88
Language Part A										
b	1.19*	.80	-.00	.03	-.67	-.93	1.22*	.49	3.59**	1.12
Standard Error	.50	.83	.24	.72	.72	1.14	.46	.94	.28	.87
Language Part B										
b	10.59**	10.03**	-2.73**	-1.79	-1.31	-.25	7.88**	7.71**	7.96**	7.09**
Standard Error	1.29	1.64	.38	1.43	.87	2.27	1.17	1.86	.60	1.73

* p<.05

** p<.01

Table F20-(8)-IIIK

TREATMENT REGRESSION COEFFICIENTS AND STANDARD ERRORS BY OUTCOME FOR THE PRESCHOOL ADJUSTED STUDIES OF COHORT III-K SITES IN THE BEHAVIOR ANALYSIS MODEL

	New York, NY		Philadelphia, PA		Portageville, MO		Trenton, NJ		Kansas City, MO		Louisville, KY		Waukegan, IL	
	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local
Word Knowledge														
b	-4.97**	-5.53**	- .61	- .58	.42	.39	9.73**	2.31	-.28	.93	.31	.70	4.50**	1.45
Standard Error	1.14	2.15	.69	1.28	1.02	2,72	,92	2.39	1,08	3,04	,83	1.71	1.23	2.60
Spelling														
b	-5.82**	-6.57*	- .08	.59	-2.98*	-2.97	9.70**	1,85	4.87**	5.16	.21	1.14	2.38	- .98
Standard Error	1.60	2.77	.90	1.65	1.27	3.49	1,13	3.08	1.21	3.91	1.12	2.20	1,29	3.35
Language														
b	-4.20**	-4.32*	.74	.89	- .76	-1.18	4.18**	-1.25	-1.03	.10	- .46	- .04	5.50**	5.21*
Standard Error	1.13	1.70	.52	1.02	1.24	2.15	.60	1.89	.88	2.41	.65	1.35	1.26	2.06
Math Computations														
b	- .22	- .65	3.14**	2.87**	2.17*	1.99	3.45**	2.64	- .64	- .75	4.31**	4.74**	4.07**	3.28
Standard Error	1.03	1.59	.51	.95	1.05	2.00	.67	1.76	.63	2.24	.65	1.26	.86	1.92
Raven's														
b	-3.75**	-3.60**	-1.17**	-1.25*	-2.03**	-2.39	2.12**	- .74	-2.63**	-2.57	- .90*	-1.10	1.20*	,15
Standard Error	.64	1.05	.35	.63	.58	1.33	.43	1.17	.47	1.49	.40	.84	.59	1.27
Reading														
b	-3.96**	-4.73**	- .12	- .09	-2.22**	-1.82	5.60**	1.41	-2.02*	- .77	.29	1.31	.48	.39
Standard Error	.86	1.49	.45	.89	.79	1.88	.60	1.66	.84	2.11	.53	1.18	.80	1.80
Math Concepts														
b	-3.29**	-3.90**	1.44**	1.62	-1.06	- .98	3.27**	3.81*	.47	.28	2.56**	3.13**	-2.05*	-1.69
Standard Error	.90	1.51	.48	.90	.77	1.91	.60	1.68	,68	2.13	.55	1.20	.83	1.83
Math Problem Solving														
b	-2.69**	-3.24*	.98*	.99	-1.12	-1.04	.53	1.80	-1.26*	- .95	1.29**	1.85	- ,64	,13
Standard Error	.87	1.34	.45	.80	.87	1.69	.55	1.49	.59	1.90	.50	1.07	.85	1.62
Coopersmith														
b	-5.64**	-4.49*	- .01	- .25	- .18	- .53	4.01**	-1.60	2.12*	2.31	- .35	-1.38	2.16*	.02
Standard Error	1.19	1.80	.60	1.07	.36	2.27	.68	2.00	.90	2.54	.76	1.43	.92	2.18
IARS(-)														
b	- .85**	- .52	.62**	.59	- .23	- .16	3.07**	2.96**	- .20	- .03	1.38**	1.48**	- .39	.13
Standard Error	.25	.64	.22	.38	.32	.81	.25	.71	.26	.91	.25	.51	.30	.78
IARS(+)														
b	- .82**	- .92	- .13	- .18	-1.25**	-1.27	- .14	1.58*	- .87**	- .77	- .07	.04	- .01	.65
Standard Error	.30	.58	.20	.35	.33	.73	.21	.65	.25	.82	.22	.46	.30	.70
Total Reading														
b	-8.92**	-10.27**	- .74	- .68	-1.79	-1.43	15.33**	3.72	-2.29	.15	.60	2.01	4.98*	1.85
Standard Error	1.86	3.36	1.01	2.00	1.66	4.24	1.40	3.73	1.78	4.74	1.26	2.67	1,86	4.06
Total Math														
b	-6.20*	-7.79*	5.55**	5.47*	- .00	- .03	7.25**	8.26	-1.44	-1,42	8.16**	9.72**	1.38	1,72
Standard Error	2.46	3.87	1.24	2.31	2.43	4.88	1.53	4.30	1.63	5.47	1.50	3,07	2.20	4.68
Language Part A														
b	-1.42**	-1.73*	.71**	.74	- .71	-1.09	2.60**	- .56	- .06	.21	,11	.12	.12	,63
Standard Error	.47	.76	.25	.45	.37	.96	.32	.84	.38	1.07	.29	.60	.43	.92
Language Part B														
b	-2.87**	-2.59*	.03	.15	- .05	- .09	1.58**	- .69	- .97	- ,11	- .56	- .17	5,38**	4.58**
Standard Error	.87	1.29	.39	.77	1.04	1.63	.43	1.43	.63	1.82	,48	1.02	1,02	1,56

* p<.05

** p<.01

Table F20-(9)-IIIK

TREATMENT REGRESSION COEFFICIENTS AND STANDARD ERRORS BY OUTCOME FOR THE PRESCHOOL ADJUSTED STUDIES OF COHORT III-K SITES IN THE COGNITIVE CURRICULUM MODEL

	New York, NY		Okaloosa Co., FL		Greeley, CO		Seattle, WA		Chicago, IL	
	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local
Word Knowledge										
b	-3.09*	-2.61	-2.61	-5.14	2.59	2.91	-4.21*	-3.67	-6.80**	-7.08**
Standard Error	1.35	1.99	1.44	2.73	2.41	3.46	1.70	2.69	.99	2.33
Spelling										
b	-.57	-1.01	-.28	-5.86	5.96	6.34	-4.27*	-3.26	-11.61**	-8.54**
Standard Error	1.60	2.45	1.57	3.37	3.08	4.27	2.04	3.31	1.43	2.87
Language										
b	-5.38**	-4.98**	-3.33**	-4.99**	3.49*	3.71	-2.47*	-2.96	-.52	-1.72
Standard Error	.65	1.41	.68	1.93	1.63	2.45	1.15	1.90	.97	1.64
Math Computations										
b	-.73	-1.11	-.48	-2.24	.23	.25	1.97	1.63	-5.37**	-3.31
Standard Error	.91	1.47	.83	2.02	1.38	2.56	1.33	1.99	1.05	1.72
Raven's										
b	-1.78**	-.94	-1.94**	.04	.59	.63	1.06	.58	.73	.33
Standard Error	.64	.89	.63	1.22	.78	1.55	.78	1.20	.74	1.04
Reading										
b	-3.20**	-3.03*	.02	-1.83	4.06*	3.28	-2.17	-1.91	-3.85**	-3.04
Standard Error	.86	1.44	.87	1.97	1.73	2.50	1.12	1.94	.84	1.68
Math Concepts										
b	-1.27	-1.60	-2.04*	-3.67	1.57	2.35	-.39	-.42	-6.01**	-3.74*
Standard Error	1.01	1.39	.87	1.91	1.38	2.42	1.32	1.88	1.05	1.62
Math Problem Solving										
b	-.74	-.75	.42	-2.19	2.76	3.01	.04	-.19	-3.21**	-1.46
Standard Error	.89	1.21	.68	1.67	1.48	2.11	.99	1.64	.79	1.42
Coopersmith										
b	.15	-.60	-5.78**	-2.83	1.73	2.27	-3.22**	-3.31	-1.27	-.98
Standard Error	.93	1.57	1.47	2.16	1.81	2.73	1.13	2.12	1.15	1.84
IARS(-)										
b	-.08	.17	-.45	-.92	-.03	.47	-1.12*	-1.56*	-.98	-1.00
Standard Error	.36	.58	.46	.79	.51	1.01	.49	.78	.52	.68
IARS(+)										
b	-.43	-.44	-.37	-.83	.59	.51	.53	.38	.66	.87
Standard Error	.43	.55	.56	.76	.50	.96	.47	.75	.44	.65
Total Reading										
b	-6.28**	-5.64	-2.59	-6.98	6.64	6.19	-6.38*	-5.57	-10.65**	-10.12**
Standard Error	2.06	3.19	2.08	4.38	3.98	5.55	2.65	4.31	1.67	3.73
Total Math										
b	-2.75	-3.46	-2.10	-8.10	4.56	5.62	1.62	1.02	-14.59**	-8.51*
Standard Error	2.53	3.60	2.00	4.95	3.60	6.26	3.46	4.87	2.66	4.21
Language Part A										
b	-1.28**	-1.18	-.54	-1.23	1.17	1.24	-.09	.17	-.34	-.14
Standard Error	.41	.66	.41	.90	.74	1.15	.52	.89	.47	.77
Language Part B										
b	-4.10**	-3.81**	-2.78**	-3.76*	2.33	2.48	-2.38**	-3.13*	-.18	-1.58
Standard Error	.56	1.08	.53	1.48	1.30	1.87	.84	1.45	.64	1.26

* p<.05

** p<.01

Table F20-(10)-IIIK

TREATMENT REGRESSION COEFFICIENTS AND STANDARD ERRORS BY OUTCOME FOR THE PRESCHOOL ADJUSTED STUDIES OF COHORT III-K SITES IN THE PARENT EDUCATION MODEL

	Philadelphia, PA		Richmond, VA		Yakima, WA		Houston, TX		Lawrenceburg, IN	
	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local
Word Knowledge										
b	-2.92**	-3.27	5.11**	3.13	4.09**	4.20	- .35	5.77*	-1.28	- .53
Standard Error	.94	1.88	1.64	3.29	1.45	3.23	1.09	2.65	1.35	2.87
Spelling										
b	-8.05**	-7.87**	5.54**	1.79	2.57	2.87	1.06	6.48*	-1.85	1.05
Standard Error	1.17	2.30	1.79	4.04	1.49	3.96	1.32	3.25	1.64	3.52
Language										
b	.03	- .20	.05	-1.25	- .62	- .47	-2.00**	.76	-6.69**	-4.43*
Standard Error	.80	1.42	1.01	2.48	.84	2.44	.70	2.00	1.56	2.16
Math Computations										
b	-1.77**	-2.05	2.36*	1.15	.90	1.98	1.22	4.02*	-4.86**	-3.83*
Standard Error	.48	1.25	.93	2.19	1.01	2.15	.70	1.77	.83	1.91
Raven's										
b	-1.53*	-1.52	1.36	.87	.78	-1.25	- .07	2.64*	.34	- .56
Standard Error	.59	.89	.78	1.55	.56	1.52	.53	1.25	.65	1.35
Reading										
b	- .42	- .78	4.32**	2.01	1.38	.78	- .89	1.66	-5.78**	-4.61*
Standard Error	.74	1.30	1.12	2.28	1.05	2.23	.66	1.83	1.05	1.98
Math Concepts										
b	-2.96**	-3.38**	1.98	.48	.84	.76	- .40	2.64	-2.72**	-2.10
Standard Error	.69	1.28	1.12	2.24	.78	2.20	.72	1.81	.89	1.95
Math Problem Solving										
b	-1.03	- .97	3.47**	2.38	-1.93*	-1.06	- .07	1.59	-2.86**	-2.27
Standard Error	.62	1.11	.98	1.94	.78	1.91	.63	1.56	.85	1.69
Coopersmith										
b	- .86	-1.13	1.81	- .46	.63	- .62	1.15	3.45	- .13	.05
Standard Error	.98	1.61	1.09	2.83	1.13	2.77	.80	2.28	1.04	2.46
IARS (-)										
b	- .43	- .43	2.84**	1.51	.10	.61	.65*	1.60	1.56**	1.88*
Standard Error	.38	.60	.40	1.05	.40	1.03	.27	.84	.35	.91
IARS (+)										
b	- .78*	- .68	1.43**	.93	.29	.16	.96**	1.69*	.95*	1.12
Standard Error	.33	.52	.36	.92	.40	.90	.27	.74	.46	.80
Total Reading										
b	-3.33*	-4.04	9.43**	5.13	5.49*	4.98	-1.25	7.43	-6.55**	-5.14
Standard Error	1.47	2.93	2.68	5.13	2.36	5.04	1.59	4.13	2.25	4.47
Total Math										
b	-5.76**	-6.40*	7.82**	4.01	- .18	1.67	.76	8.25	-10.44**	-8.21
Standard Error	1.41	3.16	2.60	5.54	2.02	5.44	1.82	4.46	2.28	4.83
Language Part A										
b	- .56	- .52	.66	- .04	.79	.96	.40	1.70	-1.80**	- .92
Standard Error	.41	.65	.52	1.13	.41	1.11	.36	.91	.50	.99
Language Part B										
b	.60	.32	- .61	-1.21	-1.41*	-1.43	-2.40**	-. 94	-4.89**	-3.51*
Standard Error	.57	1.08	.72	1.88	.64	1.85	.51	1.52	1.26	1.64

* p<.05

** p<.01

Table F20-(11)-IIIK

TREATMENT REGRESSION COEFFICIENTS AND STANDARD ERRORS BY OUTCOME FOR THE PRESCHOOL ADJUSTED STUDIES OF COHORT III-K SITES IN THE EDC MODEL

	Philadelphia, PA		Burlington, VT		Lackawanna Co., PA		Morgan Comm. Sch., DC		Paterson, NJ	
	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local
Word Knowledge										
b	-1.74*	-1.21	-3.29	-3.12	5.52**	-.09	-2.28	-2.70	-2.95	-.54
Standard Error	.76	1.58	1.90	3.45	1.78	2.37	2.45	4.33	1.54	3.57
Spelling										
b	-5.59**	-4.54*	-2.14	-2.74	2.64	-1.60	.05	.95	.31	2.04
Standard Error	.91	1.98	2.45	4.30	1.88	2.95	3.02	5.40	.80	4.45
Language										
b	.06	.29	-2.90**	-4.22	-.87	-1.57	.22	-.66	-1.52	.76
Standard Error	.59	1.27	1.03	2.77	1.32	1.90	1.58	3.47	1.03	2.86
Math Computations										
b	.97*	.87	3.03	3.09	-3.56**	-3.86*	2.07	1.94	1.01	1.18
Standard Error	.47	1.07	1.65	2.32	.87	1.60	1.32	2.91	.81	2.40
Raven's										
b	.36	.62	-.60	-1.97	.48	.15	-1.57	-1.26	.25	1.26
Standard Error	.33	.74	.92	1.61	.47	1.11	1.21	2.02	.71	1.67
Reading										
b	-.94*	-.77	-2.02	-2.33	1.85	-1.36	.48	.13	.88	1.90
Standard Error	.47	1.08	1.29	2.35	1.67	1.61	1.35	2.95	.91	2.43
Math Concepts										
b	-.53	-.51	-.01	1.36	.45	-1.82	.29	.22	.54	2.81
Standard Error	.50	1.15	1.79	2.50	1.17	1.72	1.74	3.14	1.01	2.59
Math Problem Solving										
b	-.92*	-.49	.57	2.05	-.35	-2.82	2.18	1.71	1.66	2.60
Standard Error	.43	.97	1.42	2.12	1.07	1.46	1.57	2.66	.86	2.19
Coopersmith										
b	.99	.06	-1.65	-.21	-2.25	-.14	8.03**	7.42*	1.29	3.95
Standard Error	.60	1.31	1.65	2.86	1.17	1.96	1.69	3.58	1.33	2.95
IARS(-)										
b	.43	.64	-2.26**	-.41	.79*	.73	1.83**	1.86	-.80	-1.44
Standard Error	.25	.50	.80	1.10	.37	.75	.61	1.38	.43	1.14
IARS(+)										
b	.29	.51	1.40*	-.30	.46	.34	1.26**	1.34	-.41	.06
Standard Error	.20	.42	.62	.92	.32	.63	.42	1.15	.50	.95
Total Reading										
b	-2.67*	-1.98	-5.30	-5.45	7.09*	-1.45	-1.80	-2.58	-2.06	1.37
Standard Error	1.11	2.45	2.96	5.33	2.85	3.66	3.61	6.69	2.31	5.52
Total Math										
b	-.48	-.14	3.59	6.49	-3.46	-8.50*	4.54	3.88	3.22	6.60
Standard Error	1.20	2.83	4.46	6.16	2.83	4.23	4.17	7.73	2.32	6.38
Language Part A										
b	.32	.39	-2.12**	-.92	1.25*	.46	.03	-.06	-.41	.92
Standard Error	.27	.55	.76	1.11	.47	.82	.75	1.49	.51	1.23
Language Part B										
b	-.26	-.10	-.79	-3.30	-2.12	-2.03	.20	-.60	-1.10	-.16
Standard Error	.43	.97	1.02	2.11	1.08	1.45	.91	2.65	.82	2.19

* p<.05

** p<.01

Table F20-(12)-IIIK

TREATMENT REGRESSION COEFFICIENTS AND STANDARD ERRORS BY OUTCOME FOR THE PRESCHOOL ADJUSTED STUDIES OF COHORT III-K SITES IN THE IELP MODEL

	Lock Haven, PA		Montevideo, MN		Akron, OH	
	Pooled	Local	Pooled	Local	Pooled	Local
Word Knowledge						
b	-1.63	-4.32*	1.12	1.12	-2.03*	-1.53
Standard Error	1.06	1.76	.57	1.04	.96	1.69
Spelling						
b	-1.72	-2.60	2.37**	2.35*	-4.99**	-4.88*
Standard Error	1.27	1.98	.62	1.18	1.18	1.91
Language						
b	-2.89**	-3.47*	-6.46**	-6.64**	-4.16**	-4.72**
Standard Error	.78	1.69	.72	1.00	.62	1.62
Math Computations						
b	-4.12**	-4.91**	-2.12**	-2.07*	- .53	- .98
Standard Error	.99	1.49	.69	.88	.70	1.44
Raven's						
b	1.16	-1.31	.66*	.71	1.85**	1.91*
Standard Error	.61	.79	.26	.47	.57	.76
Reading						
b	-2.19*	-3.80*	1.97**	2.04*	-3.16**	-3.74*
Standard Error	.93	1.52	.56	.90	.70	1.46
Math Concepts						
b	-2.61*	-4.86**	.30	.22	- .75	- .92
Standard Error	1.08	1.45	.54	.86	.71	1.39
Math Problem Solving						
b	-2.66**	-2.11	.34	.09	- .06	- .77
Standard Error	.88	1.47	.65	.87	.67	1.42
Coopersmith						
b	- .22	- .59	- .15	.07	-2.20*	- .40
Standard Error	1.07	1.68	.76	1.00	.95	1.62
IARS(-)						
b	- .69	- .99	.90**	.95*	- .65	- .33
Standard Error	.36	.62	.23	.37	.35	.60
IARS(+)						
b	- .81*	- .96	- .00	.07	- .65	- .48
Standard Error	.31	.50	.19	.30	.35	.48
Total Reading						
b	-3.89*	-8.13**	3.09**	3.16	-5.18**	-5.27
Standard Error	1.81	3.01	1.03	1.79	1.52	2.90
Total Math						
b	-9.39**	-11.87**	-1.50	-1.77	-1.34	-2.67
Standard Error	2.61	3.94	1.74	2.34	1.81	3.79
Language Part A						
b	- .24	- .56	.02	- .03	-1.61**	-1.50*
Standard Error	.41	.63	.23	.37	.38	.61
Language Part B						
b	-2.66**	-2.92*	-6.48**	-6.62**	-2.46**	-3.21*
Standard Error	.66	1.38	.61	.82	.46	1.33

* p<.05

** p<.01

Table F20-(13)-IIIK

TREATMENT REGRESSION COEFFICIENTS AND STANDARD ERRORS BY OUTCOME FOR THE PRESCHOOL ADJUSTED STUDIES OF COHORT III-K SITES IN THE INTERDEPENDENT LEARNING MODEL

	New York, NY		Atlanta, GA	
	Pooled	Local	Pooled	Local
Word Knowledge	*			
b	-3.19	-3.13	1.24	1.77
Standard Error	1.28	2.74	.78	2.19
Spelling	**			
b	-6.27	-6.53	1.94	1.57
Standard Error	1.74	3.69	1.07	2.95
Language	**	*	**	
b	-5.53	-5.25	2.47	2.98
Standard Error	.92	2.04	.61	1.63
Math Computations				
b	-1.46	-2.57	.78	1.39
Standard Error	1.13	2.15	.59	1.72
Raven's				
b	- .75	- .53	.23	- .09
Standard Error	.60	1.45	.48	1.16
Reading	**	**		
b	-4.92	-5.33	.46	.85
Standard Error	.98	1.95	.48	1.56
Math Concepts				
b	-1.34	-2.29	.26	.13
Standard Error	.85	1.91	.54	1.53
Math Problem Solving				
b	-1.41	-1.50	- .42	- .12
Standard Error	.81	1.69	.51	1.36
Coopersmith	*		**	
b	-2.81	-2.67	-3.04	-2.42
Standard Error	1.35	2.29	.55	1.83
IARS(-)	*			
b	-1.18	- .98	- .17	- .36
Standard Error	.49	.88	2.6	.70
IARS(+)	**			
b	- .99	- .95	.34	- .13
Standard Error	.31	.75	.25	.60
Total Reading	**			
b	-8.11	-8.45	1.70	2.62
Standard Error	2.04	4.32	1.13	3.45
Total Math				
b	-4.22	-6.36	.63	1.41
Standard Error	2.36	4.95	1.47	3.96
Language Part A	**		**	
b	-1.40	-1.57	.80	.94
Standard Error	.47	1.01	.29	.80
Language Part B	**	*	**	
b	-4.13	-3.68	1.67	2.04
Standard Error	.68	1.52	.43	1.22

* p<.05

** p<.01

Table F20-(14)-IIIK

TREATMENT REGRESSION COEFFICIENTS AND STANDARD ERRORS BY OUTCOME FOR THE PRESCHOOL ADJUSTED STUDIES OF COHORT III-K SITES IN THE SEDL MODEL

		Philadelphia, PA		Los Angeles, CA		Tulare, CA		St. Martin, Parish, LA		San Diego, TX	
		Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local
Word Knowledge	b	**-5.27	*-4.53	-1.57	-2.31	**5.87	**5.94	-1.17	- .72	**-7.43	-4.15
	Standard Error	1.07	1.98	.84	2.70	.75	1.94	.73	1.84	1.00	2.41
Spelling	b	**-7.83	**-6.81	-1.62	-3.09	**6.26	*6.32	**-3.41	-2.79	**-11.37	*-6.46
	Standard Error	1.21	2.59	.96	3.51	.90	2.53	1.08	2.40	1.22	3.14
Language	b	- .66	- .30	**2.65	.57	**2.61	*3.10	- .79	- .96	**3.80	1.74
	Standard Error	.78	1.51	.56	2.05	.63	1.48	.53	1.40	.91	1.84
Math Computations	b	- .63	- .15	**-3.10	- .24	**5.23	**4.92	- .77	.46	**5.16	3.42
	Standard Error	.69	1.49	.61	2.02	.59	1.46	.56	1.38	.82	1.81
Raven's	b	- .66	- .51	.24	.53	- .13	.44	*.88	.28	*1.08	.66
	Standard Error	.62	1.01	.39	1.38	.39	.99	.44	.94	.51	1.23
Reading	b	-1.62	-1.54	*1.50	.43	**4.11	**4.16	**-1.55	-1.02	**-2.78	- .49
	Standard Error	.84	1.41	.66	1.92	.57	1.38	.53	1.31	.69	1.71
Math Concepts	b	- .84	- .46	-1.29	.22	**3.40	*3.15	*-1.15	- .59	- .17	.01
	Standard Error	.71	1.46	.65	1.98	.53	1.42	.55	1.35	.61	1.77
Math Problem Solving	b	- .02	.47	*1.39	.68	**2.20	1.82	**-1.33	- .22	- .30	.63
	Standard Error	.66	1.27	.56	1.72	.50	1.24	.47	1.18	.67	1.54
Coopersmith	b	.67	.57	**-1.80	-1.17	**2.20	2.92	.13	- .42	.76	- .43
	Standard Error	.93	1.64	.65	2.22	.57	1.60	.61	1.52	.78	1.99
IARS (-)	b	- .05	.32	*- .60	- .52	*.46	.82	- .07	- .01	**-2.55	.10
	Standard Error	.31	.63	.24	.85	.21	.61	.24	.58	.32	.76
IARS (+)	b	- .61	- .67	**.61	.01	*.44	.87	*- .65	- .68	.06	.27
	Standard Error	.41	.58	.21	.78	.20	.56	.24	.54	.27	.70
Total Reading	b	**-6.89	-6.07	- .07	-1.88	**9.98	**10.10	*-2.73	-1.74	**-10.21	-4.63
	Standard Error	1.63	3.14	1.42	4.27	1.22	3.08	1.16	2.92	1.60	3.82
Total Math	b	-1.48	- .14	-3.00	.66	**10.82	**9.89	*-3.25	-.35	*4.69	4.06
	Standard Error	1.67	3.71	1.57	5.03	1.43	3.63	1.34	3.44	1.87	4.50
Language Part A	b	- .03	.07	*- .52	- .57	*.45	.47	.31	- .03	*.85	.55
	Standard Error	.37	.68	.25	.93	.22	.67	.27	.63	.33	.83
Language Part B	b	- .62	- .37	**3.18	1.14	**2.16	*2.64	**-1.11	- .93	**2.95	1.18
	Standard Error	.60	1.13	.45	1.53	.52	1.11	.38	1.05	.70	1.37

* p<.05

** p<.01

Table F20-(18)-IIIK

TREATMENT REGRESSION COEFFICIENTS AND STANDARD ERRORS BY OUTCOME FOR THE PRESCHOOL ADJUSTED STUDIES OF COHORT III-K SITES IN THE CLA MODEL

	Chicago, IL		Topeka, KS	
	Pooled	Local	Pooled	Local
Word Knowledge				
b	1.33	1.75	-4.49**	-3.35
Standard Error	.93	1.50	.30	3.40
Spelling				
b	3.89**	5.30**	1.36	3.77
Standard Error	1.19	1.88	1.94	4.29
Language				
b	- .23	- .24	-6.88**	-4.81*
Standard Error	.63	1.01	.97	2.30
Math Computations				
b	1.45*	2.23*	1.28	4.23*
Standard Error	.64	1.01	1.09	2.29
Raven's				
b	.91*	1.27	-1.62	-1.64
Standard Error	.41	.66	.84	1.50
Reading				
b	- .26	- .38	-7.86**	-6.36**
Standard Error	.61	.97	.85	2.20
Math Concepts				
b	- .03	1.15	-1.97	- .95
Standard Error	.58	.95	1.24	2.14
Math Problem Solving				
b	.05	.79	-2.85**	- .63
Standard Error	.58	.87	1.03	1.97
Coopersmith				
b	- .00	.01	-1.47	-1.13
Standard Error	.71	1.14	1.36	2.59
IARS(-)				
b	.52	.40	-1.25**	- .65
Standard Error	.28	.44	.45	1.01
IARS(+)				
b	- .14	- .15	-1.21*	- .89
Standard Error	.23	.41	.47	.93
Total Reading				
b	1.07	1.37	-12.34**	-9.71
Standard Error	1.41	2.28	1.76	5.17
Total Math				
b	1.47	4.16	-3.54	2.64
Standard Error	1.52	2.42	2,87	5.49
Language Part A				
b	.75*	1.00*	-1.02*	- .59
Standard Error	.31	.49	.51	1.11
Language Part B				
b	- .98*	-1.24	-5.86**	-4.22*
Standard Error	.45	.74	.82	1.68

* $p < .05$

** $p < .01$

Table F20-(21)-IIIK

TREATMENT REGRESSION COEFFICIENTS AND STANDARD ERRORS BY OUTCOME FOR THE PRESCHOOL ADJUSTED STUDIES OF COHORT III-K SITES IN THE HOME-SCHOOL PARTNERSHIP MODEL

	New York, NY	
	Pooled	Local
Word Knowledge		
b	-3.11	-3.68
Standard Error	1.63	3.72
Spelling		
b	-1.69	-3.67
Standard Error	2.21	4.74
Language		
b	-3.17*	-2.70
Standard Error	1.40	2.85
Math Computations		
b	2.26	1.13
Standard Error	1.53	3.17
Raven's		
b	-2.22**	-2.18
Standard Error	.75	1.62
Reading		
b	-1.82	-2.08
Standard Error	1.27	2.77
Math Concepts		
b	- .43	-1.02
Standard Error	1.27	2.67
Math Problem Solving		
b	1.22	.98
Standard Error	1.09	2.39
Coopersmith		
b	-2.86	-2.97
Standard Error	1.85	3.28
IARS (-)		
b	- .08	.07
Standard Error	.52	1.07
IARS (+)		
b	- .43	- .84
Standard Error	.41	.89
Total Reading		
b	-4.93	-5.76
Standard Error	2.68	6.09
Total Math		
b	3.05	1.09
Standard Error	3.53	7.25
Language Part A		
b	- .70	- .58
Standard Error	.65	1.35
Language Part B		
b	-2.47*	-2.11
Standard Error	1.01	2.16

* p<.05

** p<.01

Table F20-(22)-IIIK

TREATMENT REGRESSION COEFFICIENTS AND STANDARD ERRORS BY OUTCOME FOR THE PRESCHOOL ADJUSTED STUDIES OF COHORT III-K SITES IN THE CALIFORNIA PROCESS MODEL

	Los Angeles, CA		Ravenswood, CA		Oakland, CA		San Jose, CA	
	Pooled	Local	Pooled	Local	Pooled	Local	Pooled	Local
Word Knowledge								
b	2.77*	- .75	-3.93**	-2.25	-3.59*		-10.39**	-6.62
Standard Error	1.04	2.66	1.34	3.73	1.39		1.46	4.29
Spelling								
b	6.49**	3.45	-6.55**	-4.27	-3.16		-1.58	- .24
Standard Error	1.23	3.16	1.59	4.43	1.60		1.79	5.10
Language								
b	2.02*	.64	-1.98*	-1.03	-2.47*		- .80	-3.22
Standard Error	.76	1.80	.81	2.52	.93		.94	2.91
Math Computations								
b	1.71**	4.74**	-2.13*	- .57	.04		-1.04	- .39
Standard Error	.60	1.79	1.04	2.51	.83		.89	2.90
Raven's								
b	- .57	- .27	- .32	- .28	-3.02**		2.35**	1.28
Standard Error	.47	1.31	.96	1.84	.63		.67	2.12
Reading								
b	2.02**	.92	-1.35	-1.02	-2.41*		-4.50**	-1.66
Standard Error	.65	1.81	.86	2.54	.90		1.06	2.93
Math Concepts								
b	2.40**	.98	-1.78*	-1.45	-2.09*		-3.26**	-2.51
Standard Error	.74	1.82	.83	2.55	.86		.87	2.93
Math Problem Solving								
b	1.07	.64	-1.99**	-2.89	-1.56*		-2.84**	-2.80
Standard Error	.58	1.62	.68	2.27	.77		.66	2.61
Coopersmith								
b	1.10	- .03	2.54*	3.62	-3.75**		8.38**	4.45
Standard Error	.81	2.34	1.14	3.27	1.14		1.25	3.77
IARS(-)								
b	.36	.60	- .18	.68	-1.23**		-1.40*	-1.14
Standard Error	.27	.89	.58	1.24	.33		.53	1.43
IARS(+)								
b	.50*	1.43	-1.17	- .62	- .77*		1.19*	1.54
Standard Error	.25	.84	.59	1.17	.32		.44	1.35
Total Reading								
b	4.79**	.17	-5.27*	-3.27	-6.00**		-14.88**	-8.29
Standard Error	1.59	4.13	2.00	5.79	2.10		2.39	6.67
Total Math								
b	5.18**	6.37	-5.90*	-4.91	-3.61		-7.14**	-5.69
Standard Error	1.65	4.48	2.16	6.27	2.07		1.95	7.23
Language Part A								
b	.70*	.74	-2.27**	- .78	-1.74**		.50	.37
Standard Error	.30	.92	.45	1.28	.40		.52	1.48
Language Part B								
b	1.23*	- .10	.29	- .26	- .73		-1.30	-3.59
Standard Error	.61	1.40	.69	1.97	.72		.79	2.26

* p<.05

** p<.01

Table F20-(23)-IIIK

TREATMENT REGRESSION COEFFICIENTS AND STANDARD ERRORS BY OUTCOME FOR THE PRESCHOOL ADJUSTED STUDIES OF COHORT III-K SITES IN THE NSA MODEL

		Great Falls, MT		Clear Lake, WA	
		Pooled	Local	Pooled	Local
Word Knowledge					
	b	.27	-1.47	-14.48**	-7.02**
	Standard Error	1.58	2.09	1.75	2.21
Spelling					
	b	1.35	-1.69	-12.21**	-8.06**
	Standard Error	1.49	2.16	1.52	2.29
Language					
	b	-2.14	-1.27	-12.67**	-5.47**
	Standard Error	1.11	1.89	1.32	2.09
Math Computations					
	b	-1.33	-2.03	- 4.92**	-3.85**
	Standard Error	.90	1.40	1.00	1.48
Raven's					
	b	- .47	- .44	- .09	.40
	Standard Error	.69	.88	.53	.93
Reading					
	b	-1.35	-2.15	-11.53**	-5.08**
	Standard Error	1.18	1.72	1.53	1.82
Math Concepts					
	b	-2.89**	-3.89**	-11.37**	-5.84**
	Standard Error	.88	1.49	1.12	1.58
Math Problem Solving					
	b	- .10	- .58	- 8.18**	-3.96*
	Standard Error	1.03	1.53	1.01	1.62
Coopersmith					
	b	.69	.85	- 3.39*	-2.67
	Standard Error	1.16	1.84	1.24	1.95
IARS(-)					
	b	- .79	- .75	- .73	- .72
	Standard Error	.49	.69	.50	.73
IARS(+)					
	b	.04	.37	-2.26**	-1.17*
	Standard Error	.31	.49	.38	.52
Total Reading					
	b	-1.08	-3.62	-26.00**	-12.10**
	Standard Error	2.58	3.54	3.16	3.74
Total Math					
	b	-4.32	-6.50	-24.48**	-13.65**
	Standard Error	3.48	3.90	2.60	4.13
Language Part A					
	b	- .79	- .96	- 1.97**	-1.57*
	Standard Error	.40	.59	.39	.63
Language Part B					
	b	-1.35	- 32	-10.70**	-3.90*
	Standard Error	.95	1.70	1.18	1.79

* p<.05

** p<.01

TABLE OF CRITERIA FOR EDUCATIONAL SIGNIFICANCE

Table F21

CRITERIA FOR DETERMINING EDUCATIONAL SIGNIFICANCE* OF EACH OUTCOME MEASURE BY COHORT STREAM

OUTCOME	COHORT			
	III-K	II-K	III-EF	II-EF
Word Knowledge	2.46	2.55	2.68	2.50
Spelling	2.90	2.92	3.03	2.91
Language	1.94	1.95	2.20	2.01
Math Computations	1.68	1.80	1.78	1.62
Raven's	1.09	1.12	1.17	1.16
Reading	1.77	1.95	1.91	1.70
Math Concepts	1.72	1.70	1.84	1.71
Math Problem Solving	1.53	1.60	1.69	1.52
Coopersmith	1.80	1.93	1.80	1.78
IARS(-)	.66	.67	.70	.69
IARS(+)	.60	.75	.61	.61
Total Reading	3.99	4.17	4.38	3.97
Total Math	4.46	4.57	4.88	4.41
Language Part A	.79	.80	.84	.80
Language Part B	1.46	1.45	1.62	1.49

* The criterion for determining educational significance is .25 standard deviation of the outcome measure after removing between-site variance. See Volume IV-E, p. 28.